



U.S. Department of Transportation

National Highway Traffic Safety Administration

#### Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

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Administration

### PEDESTRIAN CASE SUMMARY

NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY

PSU 40 CASE NO. 6170 (CO) TYPE OF ACCIDENT CAR/PES CROSSING

CROSSING ROAD DIAGONALLY

### A. DESCRIPTION OF THE ACCIDENT SEQUENCE AND ACCIDENT PECULIARITIES

(Provide a summary of the accident sequence as well as any particular event of the accident that is noteworthy. Pedestrian injury mechanism and vehicle interaction is the focus, not pedestrian or driver culpability. Do not include any personal identifiers. Wehicle was TRAVELING NORTH AND MADE A LEFT TURN TO A WESTERLY DIRECTION WHEN PED RUNNING ACROSS THE ROAD DIAGONALLY WAS THEN SUBSEQUENTLY STRUCK BY THE VEHICLE WITH THE WEFT FRONT FENDER

B. PEDESTRIAN PROFILE									
Pedestrian		_	Most Severe Injury (TO BE COMPLETED BY ZONE CENTER)						
No.	Age	Sex	Mortality	Body Region	Ana. Struc.	AIS	Injury Source		
01	16	FEMPLE	Teausported/ RELSASED	KNEE	DONTUSION	1	left feet Tires		

#### **Body Region** Type of Anatomic Structure **Abbreviated Injury Scale** Head (1) Minor injury Whole Area Face (2) Moderate injury Vessels Throat (3) Serious injury Nerves Chest (4) Severe injury Organs Abdomen/Pelvis (5) Critical injury Skeletal Spine (6) Maximum (untreatable) Head-LOC Upper Extremity (7) Injured, unknown severity Skin-Burn Lower Extremity Skin-Other External

	C. VEHICLE PROFILE  Most Severe Damage										
Vehicle	Class		В	ased on Vehicle Inspection							
No.	of Vehicle	Year/Make/Model	Damage Plane	Damage Description							
01	PICKUPTRUCK	196 Cheurokt 1500	Feort LEST Side	Surface DAMAJE/DEAL							



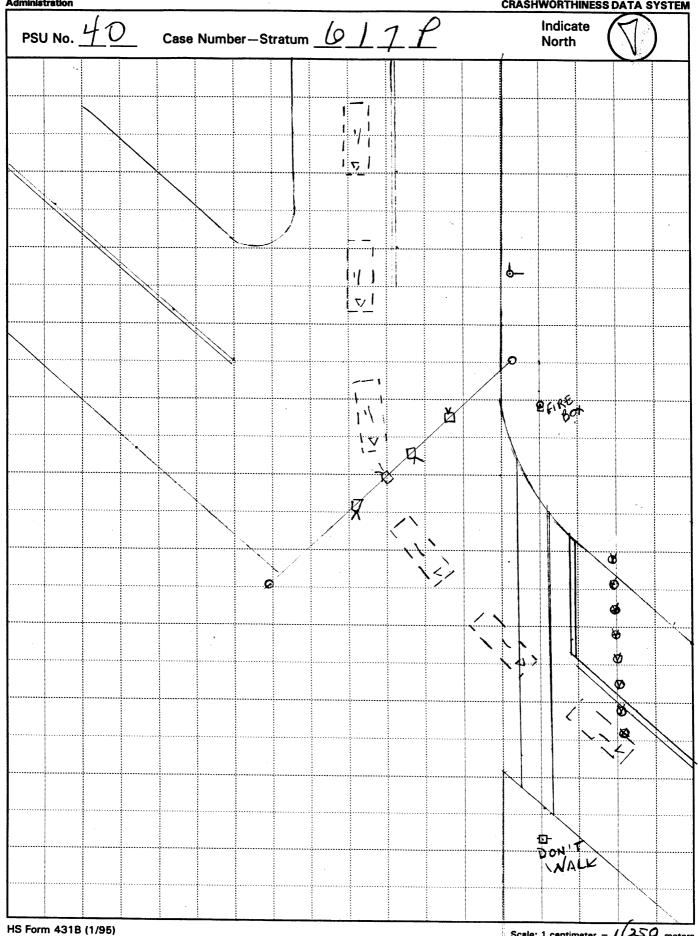
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### **ACCIDENT COLLISION DIAGRAM**

National Highway Traffic Safety Administration

NATIONAL ACCIDENT SAMPLING SYSTEM CRASHWORTHINESS DATA SYSTEM

Scale: 1 centimeter =





Administration

# PEDESTRIAN ACCIDENT COLLISION MEASUREMENT TABLE NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY

Primary Sampling Unit Number 4	)	Case N	lumber-Stratum <u>6</u> <u>/</u> <u>7</u> <u>P</u>			
PEDESTRIAN ACCIDENT CO	LLISION DATA (	COLLECTION	SCALED DIAGRAM			
document reference point and reference line relative to physical features	Surface Type		north arrow placed on diagram			
documentation of all accident induced physical evidence including (if applicable):	Surface Condition	on	grade measurements for all applicable roadways			
8) vehicle skid marks	Coefficient of Fri	iction	<ul> <li>scaled representations of the physical plant including:</li> <li>a) all road/roadway delineation (e.g., crosswalks, curb/edge lines, lane markings, medians, pavement markings, parked vehicles, poles, signs, etc.)</li> </ul>			
b) pedestrian contacts with ground or object c) vehicle/pedestrian point of impact (POI)	Grade (v/h) Mea					
vehicle/pedestrian point of impact (POI)      location of pedestrian separation point from vehicle	a) at impa b) betwee final re	en impact and	all traffic controls (e.g., lights, signs)     scaled representations of the vehicle and pedestrian at pre-impact, impact, and final			
f) final resting points (FRP) for pedestrian and vehicle	Pedestrian Trave	el Direction	rest based upon either.  a) physical evidence, or			
documentation of the physical plant including:  a) all road/roadway delineation (e.g., crosswalks, curb/edge lines, lane markings, medians, pavement markings, parked vehicles, poles, signs, etc.)  b) all traffic controls (e.g., lights, signs)	Vehicle Travel D Number of Trave		b) reconstructed accident dynamics			
ltem		Distance and Direction	Distance and Direction			
R.P		from Reference Point	from Reference Line			
FIRE HYDRANT		505	0.5 W			
FIRE BOX		3.05	2.9.E			
DON'T WALK		32.0 N	2.5W			

Item	Distance and Direction from Reference Point	Distance and Direction from Reference Line
	Hom Reference Folia	Hom Reference Line
	·	
		1
		<u> </u>



Administration

National Highway Traffic Safety

# PEDESTRIAN ACCIDENT COLLISION MEASUREMENT TABLE



NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY

(6COP) Case Number-Stratum  $\underline{6}$   $\underline{/}$   $\underline{7}$ PEDESTRIAN ACCIDENT COLLISION DATA COLLECTION SCALED DIAGRAM document reference point and reference line Surface Type north arrow placed on diagram relative to physical features documentation of all accident induced physical Surface Condition grade measurements for all applicable evidence including (if applicable): roadways Coefficient of Friction scaled representations of the physical plant vehicle skid marks (a) including: all road/roadway delineation (e.g., pedestrian contacts with ground or object b) crosswalks, curb/edge lines, lane markings, medians, pavement markings, Grade (v/h) Measurement parked vehicles, poles, signs, etc.) c) vehicle/pedestrian point of impact (POI) a) at impact b) all traffic controls (e.g., lights, signs) b) between impact and (b) location of pedestrian separation point from scaled representations of the vehicle and final rest vehicle pedestrian at pre-impact, impact, and final rest based upon either: f) final resting points (FRP) for pedestrian and Pedestrian Travel Direction physical evidence, or vehicle documentation of the physical plant including: Vehicle Travel Direction reconstructed accident dynamics all road/roadway delineation (e.g., crosswalks, Number of Travel Lanes curb/edge lines, lane markings, medians, pavement markings, parked vehicles, poles, signs, etc.) all traffic controls (e.g., lights, signs) Nort wolk Sign Walconel Reference Line: tastems Edg & NARth Ed Distance and Direction Distance and Direction Item from Reference Point from Reference Line 15.60 South

Item	Distance and Direction from Reference Point	Distance and Direction from Reference Line
<del></del>		
		1



**National Highway Traffic Safety** 

### PEDESTRIAN ACCIDENT FORM NATIONAL ACCIDENT SAMPLING SYSTEM

DATA STUDY

iministration	PEDESTRIAN CRASH DATA STU
1. Primary Sampling Unit Number 4/0	SPECIAL STUDIES - INDICATORS
2. Case Number - Stratum (CO) 6 / 2 P	Check ( ) each special study (SS15-SS19 below) that has been completed; code 1 for the checked special
IDENTIFICATION	studies and 0 for the special studies not checked.
Number of General Vehicle     Forms Submitted	6SS15 Administrative Use0
_ <del></del>	7SS16 Pedestrian Crash Data Study1
4. Date of Accident (Month, Day, Year)	8SS17 Impact Fires0
5. Time of Accident	9SS18
Code reported military time of accident.	
NOTE: Midnight = 2400	10SS19 <u>0</u>

### **NUMBER OF EVENTS**

11. Number of Recorded Events in This Accident

0 1

### PEDESTRIAN STUDY CRITERIA

#### **Pedestrian Definition:**

Unknown = 9999

Any person who is on a trafficway or on a sidewalk or path contiguous with a trafficway, or on private property (e.g., parking lot). Note: Pedestrians include persons who are in contact with the ground, roadway, etc. and are pushing carts, wagons, etc. or holding on to a vehicle.

Persons in or on a nonmotorist conveyance are not pedestrians and are excluded from this study. A nonmotorist conveyance is defined as any human powered device by which a nonmotorist may move, or by which a pedestrian or nonmotorist may move another nonmotorist. A nonmotorist conveyance for purposes of this study includes the following: bicycles, baby carriages, roller skates/blades, push carts, scooters, wheelchairs, animals, etc. For example, persons on a bicycle/scooter, roller skating/blading, in a baby carriage/push cart/wheelchair or on a horse are excluded.

#### **Case Selection Criteria:**

A forward moving, late model year (VEH04 equals 90 to 95) CDS applicable vehicle (VEH07 equals 01 to 49) must strike a pedestrian.

The striking portion of the vehicle structure must be original equipment manufacturer (OEM) without previous damage and or parts removed in the impact area. For example, vehicles equipped with deer guards, winches, snow plows, etc. or previously damaged in the impact area are excluded.

The pedestrian may not be lying or sitting.

The pedestrian impact(s) are the vehicle's only impact(s). If multiple pedestrians are impacted, each pedestrian shall be a separate case.

The first point of contact between the late model year, CDS applicable vehicle and the pedestrian must be forward of the top of the A pillar.

PEDESTRIAN ACCIDENT EVENTS											
Accident Event Sequence Number	Vehicle Number	Class Of Vehicle	General Area of Damage	Vehicle Number or Object Contacted	Class Of Vehicle	General Area of Damage					
12. <u>0 1</u>	13. <u>0</u> <u>1</u>	14. <u>15</u>	15. <u>L</u>	16. <u>7 2</u>	17. <u>0</u> <u>0</u>	18. <u>0</u>					

## CODES FOR CLASS OF VEHICLE

- (00) Not a motor vehicle
- (01) Subcompact/mini (wheelbase < 254 cm)
- (02) Compact (wheelbase ≥ 254 but < 265 cm)
- (03) Intermediate (wheelbase ≥ 265 but < 278 cm)
- (04) Full size (wheelbase ≥ 278 but < 291 cm)
- (05) Largest (wheelbase ≥ 291 cm)
- (09) Unknown passenger car size
- (11) Compact utility vehicle
- (12) Large utility vehicle (≤ 4,500 kgs GVWR)
- (13) Passenger van (≤ 4,500 kgs GVWR)
- (14) Other van (≤ 4,500 kgs GVWR)
- (15) Pickup truck (≤ 4,500 kgs GVWR)
- (18) Other truck (≤ 4,500 kgs GVWR)
- (19) Unknown light truck type

# CODES FOR GENERAL AREA OF DAMAGE (GAD)

### CDS APPLICABLE VEHICLES

- (F) Front
- (R) Right side
- (L) Left side
- (U) Undercarriage
- (9) Unknown

### CODES FOR VEHICLE NUMBER OR OBJECT CONTACTED

Collision with Nonfixed Object

(72) Pedestrian

### U.S. Department of Transportation National Highway Traffic Safety Administration

### PEDESTRIAN ASSESSMENT FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY

1. Primary Sampling Unit Number	10. Pedestrian's Weight  Code actual weight to the nearest
2. Case Number - Stratum 6 1 7 P (C 0)	kilogram. (999) Unknown
3. Pedestrian Number <u>0 1</u>	1 - 8 = 5 pounds X .4536 = $0 = 6$ kilograms
PEDESTRIAN'S CHARACTERISTICS	PEDESTRIAN'S PRE-AVOIDANCE ACTIONS
4. Pedestrian's Age Code actual age at time of accident. (00) Less than one year old (specify by month):  (97) 97 years and older (99) Unknown	11. Pedestrian Attitude (1) Standing (2) Crouching (3) Kneeling (4) Bending at waist (8) Other (specify):
5. Pedestrian's Sex (1) Male (2) Female - not reported pregnant (3) Female - pregnant-1st trimester (1st-3rd month) (4) Female - pregnant-2nd trimester (4th-6th month) (5) Female - pregnant-3rd trimester (7th-9th month) (6) Female - pregnant-term unknown (9) Unknown	12. Pedestrian Motion (0) Not moving (1) Walking slowly (2) Walking rapidly (3) Running or jogging (4) Hopping (5) Skipping
6. Pedestrian's Overall Height Code actual height to the nearest centimeter. (999) Unknown	(6) Jumping (7) Falling/stumbling or rising (8) Other (specify): (9) Unknown
6 3 inches X 2.54 = 1 6 0 centimeters  7. Pedestrian's Height - Ground to Knee Code to the nearest centimeter. (999) Unknown 2 0 inches X 2.54 = 5 0 centimeters	13. Pedestrian's Action Relative to Vehicle (00) Stopped (01) Crossing road, straight (02) Crossing road, diagonally (03) Moving in road, with traffic (04) Moving in road, against traffic (05) Off road, approaching road (06) Off road, going away from road (07) Off road, moving parallel
8. Pedestrian's Height - Ground to Hip Code to the nearest centimeter. (999) Unknown	(08) Off road, crossing driveway (09) Off road, moving along driveway (98) Other (specify):
3 8 inches X 2.54 = 09 7 centimeters  9. Pedestrian's Height - Ground to Shoulder / 3 5  Code to the nearest centimeter.  (999) Unknown  53 inches X 2.54 = / 3 5 centimeters	14. Pedestrian's Body (Chest) Orientation Relative to Striking Vehicle Prior to Avoidance Actions (1) Facing vehicle (2) Facing away (3) Left side to vehicle (4) Right side to vehicle (8) Other (specify): (9) Unknown

18. Pedestrian's Arm Orientation at Initial Impact
(01) At sides
(02) Folded across chest
(03) Hands clasped behind back
(04) Hands on hips
(05) Hands in pockets
Own and II
One or both arms:
(06) Extended upward
(07) Extended to side
(08) Extended forward bracing
(09) Extended, holding object
(briefcase, suitcase, etc.)
(10) Holding object (young child,
grocery bag, etc.) in arm(s)
(11) Holding object (young child, grocery
bag, etc.) on shoulder(s) or head
(98) Other (specify):
(99) Unknown
19. Pedestrian's Leg Orientation
at Initial Impact 0 4
(01) Together
(02) Apart-laterally
(03) Apart-right leg forward
(04) Apart-left leg forward
(05) Apart- forward leg unknown
(06) Left foot off the ground
(07) Right foot off the ground
(08) Both feet off the ground
(98) Other (specify):
(99) Unknown
20. Vehicle/Pedestrian's Interaction
(01) Carried by vehicle, wrapped position
(02) Carried by vehicle, slid to windshield
(03) Carried by vehicle, position unknown
(04) Passed over vehicle top
(05) Thrown straight forward
(06) Thrown forward and left of vehicle
(07) Thrown forward and right of vehicle
(08) Knocked to pavement, forward
(09) Knocked to pavement, left of vehicle
(10) Knocked to pavement, right of vehicle
(11) Knocked to pavement, run over or
dragged by vehicle
(12) Shunted to left (corner impacts only)
(13) Shunted to right (corner impacts only)
(14) Bumped or pushed aside
(15) Snagged, rotated
(16) Snagged, dragged by vehicle
(17) Foot or legs run over
(98) Other (specify):
(99) Unknown

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INJURY CONSEQUENCES
25. Injury Severity (Police Rating) (0) O - No injury (1) C - Possible injury (2) B - Nonincapacitating injury (3) A - Incapacitating injury (4) K - Killed (5) U - Injury, severity unknown
(C) Diad autom to continue
Nonfatal
<ul> <li>(3) Hospitalization</li> <li>(4) Transported and released</li> <li>(5) Treatment at scene - non-transported</li> <li>(6) Treatment later</li> <li>(8) Treatment - other (specify):</li> <li>(9) Unknown</li> </ul>
27. Type Of Medical Facility (for Initial Treatment) (0) Not treated at a medical facility (1) Trauma center (2) Hospital (3) Medical clinic (4) Physician's office (5) Treatment later at medical facility (8) Other (specify):
28. Hospital Stay (00) Not Hospitalized Code the number of days (up through 60) that the pedestrian stayed in a hospital. (61) 61 days or more (99) Unknown
29. Working Days Lost  Code the number of days (up through 60) that the pedestrian lost from work due to the accident (00) No working days lost (61) 61 days or more (62) Fatally injured (97) Not working prior to accident (99) Unknown

SHOP VARIABLES OF THROUGH WAS	REPORTED BY THE ZONE GENTER
30. Glasgow Coma Scale (GCS) Score (at Medical Facility) (00) Not injured (01) Injured - not treated at medical facility (02) No GCS Score at medical facility (03-15) Code the actual value of the initial GCS Score recorded at medical facility. (97) Injured, details unknown (99) Unknown if injured  31. Was the Pedestrian Given Blood? (1) No - blood not given (2) Yes - blood given (32) Arterial Blood Gases (ABG) – HCO3 (00) Not injured (01) Injured, ABGs not measured or reported (02-50) Code the actual value of the HCO3 (96) ABGs reported, HCO3 unknown (97) Injured, details unknown (99) Unknown if injured  33. Time to Death  Code number of hours from time of accident to time of death up through 24 hours. If time of death is greater than 24 hours, code number of days. (Note: 1 day = 31, 2 days = 32, n days = 30 +n up through 30 days = 60) (00) Not fatal (96) Fatal - ruled disease (99) Unknown	34. 1st Medically Reported Cause of Death  35. 2nd Medically Reported Cause of Death  Code the Pedestrian Injury from line number(s) for the medically reported injury(s) which reportedly contributed to this pedestrian's death  (00) Not fatal or no additional causes  (96) Mode of death given but specific injuries are not linked to cause of death. (specify):  (97) Other result (includes fatal ruled disease) (specify):  (99) Unknown  37. Number of Recorded Injuries for This Pedestrian  Code the actual number of injuries recorded for this pedestrian.  (00) No recorded injuries  (97) Injured, details unknown  (99) Unknown if injured
ARE ALL APPLICABLE MEDICAL RECORD  NO [ ]  UPDATE CANDIDATE?	YES[]

U.S. Department of Transportation

National Highway Traffic Safety

### PEDESTRIAN INJURY FORM

Form Approved O.M.B. No. 2127-0021

NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY

1. Primary Sampling Unit Number

0

3. Pedestrian Number

0 1

2. Case Number - Stratum (C0)

4. Blank

<u>X X</u>

#### **INJURY DATA**

Record below the actual injuries sustained by this pedestrian in CHRONOLOGICAL order that were identified from the official and unofficial data sources. Remember not to double count an injury just because it was identified from two different sources. If greater than twenty-five injuries have been documented, encode the balance on the Pedestrian Injury Supplement.

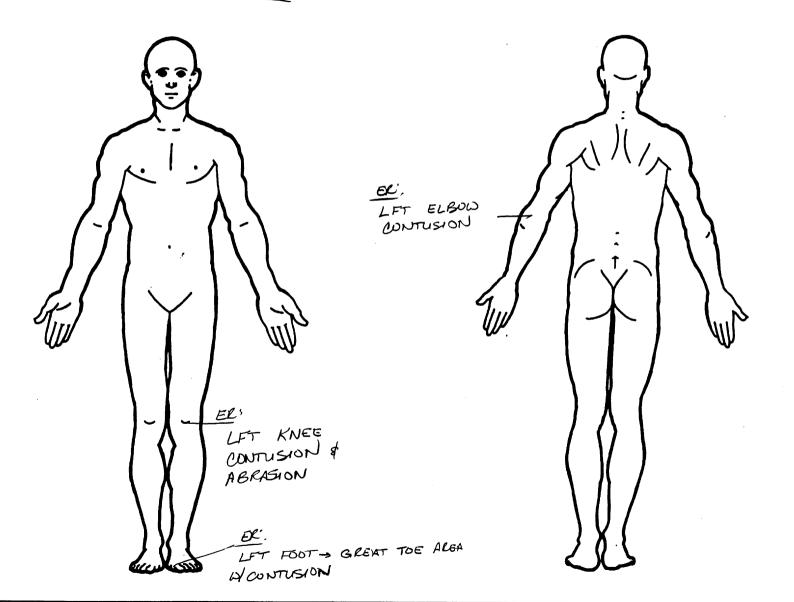
	<i>₩</i>	Source of Injury Data	Body Region	Type of Anatomic Structure	AIS-90 Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Striking Profile	Type Of Damage	Damage Depth
<b>D</b>	1st	5.3	6. <u>8</u>	7.9	8. <u>04</u>	9. 02	10. 🖊	11.2	12. <u>790</u>	13. <u>3</u>	14	15. <u>3</u>	16. 🔏	17.2
0	2nd	18.3 18.3	19.8	20.9	21. <u>O</u> <u>Z</u>	22. <u>0</u> 2	<u>)                                    </u>	24. <u>2</u>	.25. <u>790</u>	26. <u>3</u>	27	28. <u>3</u>	<sup>29.</sup> Z	30.2
(L)	3100	1207 31.3 2007	32. 7	33. <b>9</b>	34. <u>Q</u> <u>4</u>	35. <u>02</u>	<b>-</b> 36. <u> </u>	37. <u>Z</u>	-38. <u>720</u>	39.2	40. 🖊	41	L42. <u>3</u>	43. <u>3</u>
50		44.7	45	46.9	47.02	48. <u>0 2</u>	<b>-4</b> 9. <u>/</u>	50.2	51. <u>720</u>	52.2	53	542	55. <u>3</u>	56. <u>3</u>
	5th	57	58	59	60	61	62	63	64	65	66	67	68	69
	6th	70	71	72	73	74	75	76	77	78	79	80	81	82
	7th	83	84	85	86	87	88	89	90	91	92	93	94	95
	8th		97						103		105	106	107	108
									116		118			
	Oth	122	123	124	125 1	26	127	128	129	130	131	132	133	134

PEDESTRIAN INJURY DATA												
Source of Injury Data	Body Region	Type of Anatomic Structure	AIS.90 Specific Anatomic Structure	Level of Injury	A.I.S. Severity	Aspect	Injury Source	Injury Source Confidence Level	Direct/ Indirect Injury	Striking Profile	Type Of Damage	Damage Depth
11th						4000000					-	
12th											. · ·	· 
13th								·····				
14th		***************************************	<del></del>						<b>S</b>			*********
5th		-							-			
6th							******					
7th			<del></del>					Period	difference			
8th												
9th											-	
Oth			-									
21st	_	·						_				
2nd									- 1 1			
3rd			were the second		*******					***************************************		
4th									***************************************			· ·
5th					-							

Page 2

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

ER: NO LOC



#### **TYPE OF DAMAGE** Certain OFFICIAL (0) Injury not from vehicle contact (2) Probable (1) Autopsy records with or without hospital/ No damage/contact Scratch (Scuff, Cloth Transfer,Smear) (3) Possible medical records Unknown (3) Dent (2) Hospital/medical records other than (4) Large deformation **DIRECT/INDIRECT INJURY** emergency room (e.g., discharge Cracked, fractured, shattered summary) (1) (2) Direct contact injury Indirect contact injury Separated from vehicle (3) Emergency room records only (including (7)Noncontact injury associated X-rays or other lab reports) Noncontact injury Other specify: (4) Private physician, walk-in or emergency Injured, unknown source Unknown clinic STRIKING PROFILE **DAMAGE DEPTH** Injury not from vehicle contact Flat-Narrow (<15 centimeters) Flat-Wide (≥ 15 centimeters) UNOFFICIAL Injury not from vehicle contact (5) Lay coroner report No residual damage Surface only damage Crush depth >0 to 2 centimeters Crush depth >2 to 5 centimeters (6) E.M.S. personnel Rounded (contoured) (4) (5) Interviewee Rounded edge Sharp edge (8) Other source (specify): Crush depth >5 to 10 centimeters Other (specify): Other specify:\_ (9) Police (9) Unknown (9) Unknown PEDESTRIAN INJURY CLASSIFICATION **Body Region Specific Anatomic Structure** Spine (02) Cervical (04) Thoracic Abbreviated Injury Scale Whole Area (02) Skin - Abrasion (04) Skin - Contusion Head Minor injury Face (06) Lumbar Moderate injury (3) (4) (5) Neck Serious injury Severe injury (3) (06) Skin - Laceration <u>Vessels, Nerves, Organs, Bones, Joints</u> are assigned consecutive two digit numbers beginning with 02 Thorax (4) Abdomen (08) Skin - Avulsion Critical injury (10) Amputation Spine Maximum (untreatable) Upper Extremity (7)(20) Burn Injured, unknown severity (8) Lower Extremity (30) Crush Level of Injury (40) Degloving (50) Injury - NFS Unspecified Aspect Specific injuries are consecutive two-digit beginning with 02. assigned Type of Anatomic Structure Right Left (90) Trauma, other than mechanical numbers Whole Area Head - LOC (3) (4) Bilateral Central (02) Length of LOC (04, 06, 08) Level of Consciousness (10) Concussion (2) Vessels To the extent possible, within the organizational framework of the AIS, 00 is assigned to an injury NFS as to severity or where only one injury is given in the dictionary for that anatomic structure. 99 is assigned to any injury NFS as to lesion or severity. Nerves (3) Anterior Organs (includes muscles/ (6) (7) Posterior ligaments) Skeletal (includes joints) Head - LOC Superior (5) Inferior (9) (0) Unknown Skin Whole region **INJURY SOURCE FRONT** Wheels / tires 700 Front bumper 744 B pillar 790 Left front wheel / tire 701 Front lower valance/spoiler 745 C pillar 791 Right front wheel / tire 702 Front grille 746 D pillar 792 Left rear wheel / tire 703 Hood edge and/or trim 748 Other pillar (specify): 793 Right rear wheel /tire 704 Hood ornament (fixed) 749 Right side roof rail 798 Other wheel / tire (specify): \_ 705 Hood ornament (spring loaded) 750 Right side door surface 799 Unknown wheel / tire 706 Headlight 751 Right side door handle 707 Retractable headlight door (Open/Closed) 752 Right side mirror fixed housing Undercarriage components 708 Turn signal/parking lights 753 Right side folding mirror 800 Front crossmember 718 Other front or add on object 754 Right side glazing forward of B pillar 801 Steering assembly/Front suspension (specify): 755 Right side glazing rearward of B pillar 802 Oil pan 719 Unknown front object 803 Exhaust system pipe 756 Rear antenna 757 Rear fender or quarter panel 804 Transmission Left Side Components 758 Other right side object 805 Drive shaft 720 Front fender side surface (specify): 806 Catalytic converter 721 Front antenna 759 Unknown right side component 807 Muffler 722 A1 pillar 808 Floor pan 723 A2 pillar Back Components 809 Fuel tank 724 B pillar 760 Rear (back) bumper 810 Rear suspension 725 C pillar 761 Tailgate 818 Other undercarriage component 726 D pillar 762 Hatchback, vertical surface (specify): 728 Other pillar 768 Other back component 819 Unknown undercarriage component (specify): (specify): 729 Left side roof rail 769 Unknown back component <u>Accessories</u> 730 Left side door surface 820 Air scoop, deflector 821 Cellular or CB radio antenna 731 Left side door handle Top Components 770 Hood surface 732 Left side mirror fixed housing 822 Emergency lights or bar 771 Hood surface reinforced by under hood 733 Left side folding mirror 823 Fog lights 734 Left side glazing forward of B pillar component 824 Luggage, ski, or bike rack 772 Front fender top surface 735 Left side glazing rearward of B pillar 825 Cargo (specify):\_\_ 736 Left side back fender or quarter panel 773 Cowl area 826 Spare tire 737 Rear antenna 774 Wiper blade & mountings 827 Spotlight 738 Other left side object 775 Windshield glazing 828 Other accessory (specify):\_ (specify): 776 Front header 739 Unknown left side component 777 Roof surface Other Object or Vehicle in Environment 947 Ground 778 Backlight glazing Right Side Components 779 Rear header 948 Other object (specify): 740 Front fender side surface 780 Hatchback 949 Unknown object in environment 741 Front antenna 2781 Rear trunk lid 959 Unknown object on contacting vehicle 742 A1 pillar 788 Other top component (specify): \_ 997 Noncontact injury source

789 Unknown top component

999 Unknown injury source

INJURY SOURCE CONFIDENCE LEVEL

**SOURCE OF INJURY DATA** 

743 A2 pillar

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)

Blood Alcohol Level (mg/dl)

BAL

Glasgow Coma Scale Score A 8 0 x 3 GCSS = \_

Units of Blood Given

Units =

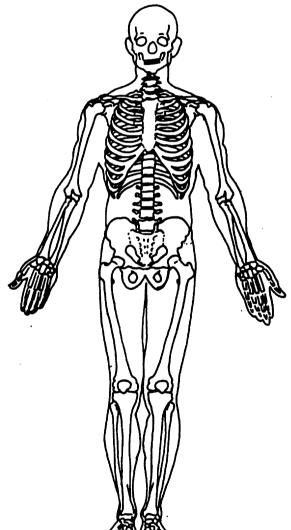
Arterial Blood Gases

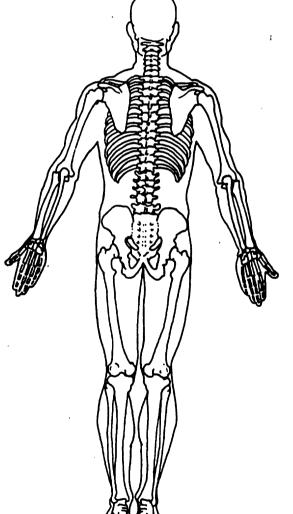
Ph:

PO<sub>2</sub>

PCØ

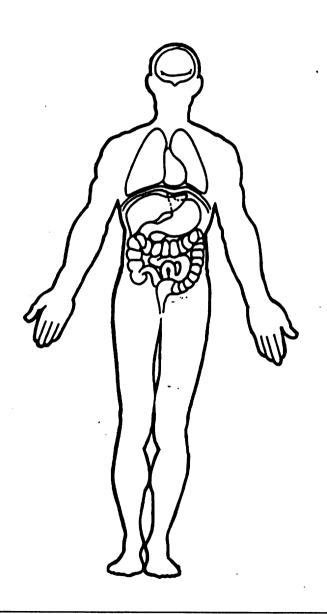
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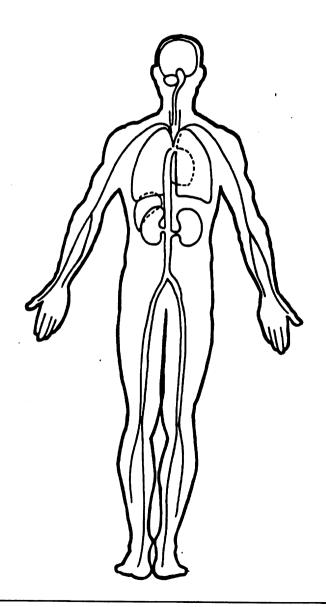




### OFFICIAL INJURY DATA —INTERNAL INJURIES

Indicate the Location, Specific Anatomic Structure, Detail (size, depth, fracture type, head injury clinical signs and neurological deficits), and Source of all injuries indicated by official sources (or from PAR or other unofficial sources if medical records and interviewee data are unavailable.)





### PEDESTRIAN GENERAL VEHICLE FORM NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY

1. Primary Sampling Unit Number <u>4</u> 0	OFFICIAL RECORDS
2. Case Number - Stratum (CO) 6 1 7 P	9. Police Reported Travel Speed 9 9 9
3. Vehicle Number	Code to the nearest kmph (NOTE: 000 means
VEHICLE IDENTIFICATION	less than 0.5 kmph) (160) 159.5 kmph and above (999) Unknown
4. Vehicle Model Year Code the last two digits of the model year (99) Unknown	mph X 1.6093 = kmph  10. Speed Limit (000) No statutory limit Code posted or statutory speed limit
5. Vehicle Make (specify):  Chernolit Applicable codes are found in your NASS PCDS Data Collection, Coding and Editing Manual. (99) Unknown	in kmph (999) Unknown  30 mph X 1.6093 = 0 4 5 kmph  11. Police Reported Alcohol Presence For Driver
6. Vehicle Model (specify):  (500) Applicable codes are found in your	<ul> <li>(0) No alcohol present</li> <li>(1) Yes alcohol present</li> <li>(7) Not reported</li> <li>(8) No driver present</li> <li>(9) Unknown</li> </ul>
NASS PCDS Data Collection, Coding and Editing Manual. (999) Unknown  7. Body Type Note: Applicable codes may be found on the back of this page.	12. Alcohol Test Result For Driver Code actual value (decimal implied before first digit—0.xx) (95) Test refused (96) None given (97) AC (Alcohol Content) test performed, results unknown (98) No driver present
8. Vehicle Identification Number	(99) Unknown Source:
$\frac{2}{1} \frac{G}{2} \frac{C}{3} \frac{E}{4} \frac{C}{5} \frac{C}{6} \frac{Q}{7} \frac{N}{8} \frac{X}{9} \frac{T}{10} \frac{I}{11} \frac{12}{12} \frac{13}{14} \frac{14}{15} \frac{16}{16} \frac{17}{17}$ Left justify; Slash zeros and letter Z ( $\emptyset$ and Z) No VIN—Code all zeros Unknown—Code all nines	13. Police Reported Other Drug Presence For Driver (0) No other drug(s) present (1) Yes other drug(s) present (7) Not reported (8) No driver present (9) Unknown
	14. Other Drug Specimen Test Result For Driver (0) No specimen test given (1) Drug not found in specimen (2) Drug found in specimen (specify): (3) Specimen test given, results unknown or not obtained (8) No driver present (9) Unknown

### **CODES FOR BODY TYPE**

### CDS APPLICABLE VEHICLES

#### **Automobiles**

- (01) Convertible (excludes sun-roof, t-bar)
- (02) 2-door sedan, hardtop, coupe
- (03) 3-door/2-door hatchback
- (04) 4-door sedan, hardtop
- (05) 5-door/4-door hatchback
- (06) Station wagon (excluding van and truck based)
- (07) Hatchback, number of doors unknown
- (08) Other automobile type (specify):
- (09) Unknown automobile type

#### Automobile Derivatives

- (10) Auto based pickup (includes El Camino, Caballero, Ranchero, Brat, and Rabbit pickup)
- (11) Auto based panel (cargo station wagon, auto based ambulance/hearse)
- (12) Large limousine more than four side doors or stretched chassis
- (13) Three-wheel automobile or automobile derivative

#### Utility Vehicles (≤ 4,500 kgs GVWR)

- (14) Compact utility (Jeep CJ-2 CJ-7, Scrambler, Golden Eagle, Renegade, Laredo, Wrangler, Cherokee [84 and after], Dispatcher, Raider, Bronco II, Bronco [76 and before], Explorer, S-10 Blazer, Geo Tracker, Bravada, S-15 Jimmy, Thing, Pathfinder, Trooper, Trooper II, Rodeo, Amigo, Navajo, 4-Runner, Montero, Samurai, Sidekick, Rocky)
- (15) Large utility (includes Jeep Cherokee [83 and before], Ramcharger, Trailduster, Bronco-fullsize [78 and after], fullsize Blazer, fullsize Jimmy, Landcruiser, Rover, Scout)
- (16) Utility station wagon (Chevy Suburban, GMC Suburban, Travelall, Grand Wagoneer, includes suburban limousine)
- (19) Utility, unknown body type

### Van Based Light Trucks (≤ 4,500 kgs GVWR)

- (20) Minivan (Chrysler Town and Country, Caravan, Grand Caravan, Voyager, Grand Voyager, Mini-Ram, Dodge/Plymouth Vista, Aerostar, Villager, Lumina APV, Trans Sport, Silhouette, Astro, Safari, Toyota Van, Toyota Minivan, Previa, Nissan Minivan, Quest, Mitsubishi Minivan, Vanagon/Camper.)
- (21) Large van (B150-B350, Sportsman, Royal, Maxiwagon, Ram, Tradesman, Voyager [83 and before], E150-E350, Econoline, Clubwagon, Chateau, G10-G30, Chevy Van, Beauville, Sport Van, G15-G35, Rally Van, Vandura.)
- (22) Step van or walk-in van (≤ 4,500 kgs GVWR)
- (23) Van based motorhome (≤ 4,500 kgs GVWR)
- (24) Van based school bus (≤ 4,500 kgs GVWR)
- (25) Van based other bus (≤ 4,500 kgs GVWR)
- (28) Other van type (Hi-Cube Van, Kary) (specify):
- (29) Unknown van type

### Light Conventional Trucks (Pickup style cab, ≤ 4,500 kgs GVWR)

- (30) Compact pickup (D50, Colt P/U, Ram 50, Dakota, Arrow Pickup [foreign], Ranger, Courier, S-10, T-10, LUV, S-15, T-15, Sonoma, Datsun/Nissan Pickup, P'up, Mazda Pickup, Toyota Pickup, Mitsubishi Pickup)
- (31) Large Pickup (Jeep Pickup, Comanche, Ram Pickup, D100-D350, W100-W350, F100-F350, C10-C35, K10-K35, R10-R35, V10-V35, Silverado, Sierra, R100-R500,)

- (32) Pickup with slide-in camper
- (33) Convertible pickup
- (39) Unknown pickup style light conventional truck type

### Other Light Trucks (≤ 4,500 kgs GVWR)

- (40) Cab chassis based (includes rescue vehicles, light stake, dump, and tow truck)
- (41) Truck based panel
- (42) Light truck based motorhome (chassis mounted)
- (45) Other light conventional truck type
- (48) Unknown light truck type
- (49) Unknown light vehicle type (automobile, utility, van, or light truck)

### OTHER VEHICLES

#### Buses (Excludes Van Based)

- (50) School bus (designed to carry students, not cross country or transit)
- (58) Other bus type (e.g., transit, intercity, bus based motorhome) (specify):
- (59) Unknown bus type

### Medium/Heavy Trucks (> 4,500 kgs GVWR)

- (60) Step van (> 4,500 kgs GVWR)
- (61) Single unit straight truck (4,500 kgs < GVWR ≤ 8,850 kgs)
- (62) Single unit straight truck (8,850 kgs < GVWR ≤ 12,000 kgs)
- (63) Single unit straight truck (> 12,000 kgs GVWR)
- (64) Single unit straight truck, GVWR unknown
- (65) Medium/heavy truck based motorhome
- (67) Truck-tractor with no cargo trailer
- (68) Truck-tractor pulling one trailer
- (69) Truck-tractor pulling two or more trailers
- (70) Truck-tractor (unknown if pulling trailer)
- (78) Unknown medium/heavy truck type
- (79) Unknown truck type (light/medium/heavy)

### Motored Cycles (Does Not Include All-Terrain Vehicles/Cycles)

- (80) Motorcycle
- (81) Moped (motorized bicycle)
- (82) Three-wheel motorcycle or moped
- (88) Other motored cycle (minibike, motorscooter) (specify):\_\_\_\_\_
- (89) Unknown motored cycle type

#### Other Vehicles

- (90) ATV (All-Terrain Vehicle) and ATC (All-Terrain Cycle)
- (91) Snowmobile
- (92) Farm equipment other than trucks
- (93) Construction equipment other than trucks
- (97) Other vehicle type
- (99) Unknown body type

VEHICLE WEIGHT ITEMS	RECONSTRUCTION DATA
15. Vehicle Curb Weight 3 , 1	18. Impact Speed  + 999  Nearest kmph  (NOTE: 000 means greater than .5 kmph) (160) 159.5 kmph and above (999) Unknown
Source:  16. Vehicle Cargo Weight  Code weight to nearest	19. Accuracy Range of Impact Speed Estimate  (0) No reconstruction (1) Less than 2 kmph (2) ≥ 2 kmph and ≤ 8 kmph (3) ≥ 9 kmph and ≤ 16 kmph (4) ≥ 17 kmph and ≤ 26 kmph (9) Unknown  20. Data Source of Impact Speed (0) No impact speed calculated (1) Zone center calculation (2) Police calculation (3) Driver/witness/police estimates  PRECRASH DATA
OTHER DATA  17. Vehicle Special Use (This Trip) (0) No special use (1) Taxi (2) Vehicle used as school bus (3) Vehicle used as other bus (4) Military (5) Police (6) Ambulance (7) Fire truck or car (8) Other (specify): (9) Unknown  STOP - VARIABLES 18 THROUGH 20  ARE COMPLETED BY THE ZONE CENTER	21. Driver's Attention to Driving (Prior to Recognition of Critical Event)  (1) Full attention to driving (2) Distracted by other occupant (3) Distracted by moving object in vehicle (4) Distracted by outside person, object, or event (5) Talking on cellular phone or CB radio Specify:  (6) Sleeping or dozing while driving (8) Other (specify): (9) Unknown  22. Pre-Event Vehicle Movement (Prior to Recognition of Critical Event) (01) Going straight (02) Slowing or stopping in traffic lane (03) Starting in traffic lane (04) Stopped in traffic lane (05) Passing or overtaking another vehicle (06) Disabled or parked in travel lane (07) Leaving a parking position (08) Entering a parking position (09) Turning left (10) Turning left (11) Making a U-turn (12) Backing up (other than for parking position) (13) Negotiating a curve (14) Changing lanes (15) Merging (16) Successful avoidance maneuver to a previous critical event (97) Other (specify): (98) No driver present (99) Unknown

3. Critical Precrash Event  This Vehicle Loss of Control Due To:  (01) Blow out or flat tire (02) Stalled engine (03) Disabling vehicle failure (e.g., wheel fell off) (specify):  (04) Non-disabling vehicle problem (e.g., hood flew up) (specify):  (05) Poor road conditions (puddle, pot hole, ice, etc.) (specify):  (06) Traveling too fast for conditions (08) Other cause of control loss (specify):	<ul> <li>(83) Pedalcyclist or other nonmotorist in roadway (specify):</li></ul>
This Vehicle Traveling  (10) Over the lane line on left side of travel lane  (11) Over the lane line on right side of travel lane  (12) Off the edge of the road on the left side  (13) Off the edge of the road on the right side  (14) End departure  (15) Turning left at intersection  (16) Turning right at intersection  (17) Crossing over (passing through) intersection  (19) Unknown travel direction  Other Motor Vehicle In Lane  (50) Stopped  (51) Traveling in same direction with lower speed  (i.e., lower steady speed or decelerating)  (52) Traveling in same direction with higher speed	(99) Unknown  24. Attempted Avoidance Maneuver (00) No driver present (01) No avoidance actions (02) Braking (no lockup) (03) Braking (lockup) (04) Braking (lockup unknown) (05) Releasing brakes (06) Steering left (07) Steering right (08) Braking and steering left (09) Braking and steering right (10) Accelerating
<ul> <li>(53) Traveling in opposite direction</li> <li>(54) In crossover</li> <li>(55) Backing</li> <li>(59) Unknown travel direction of other motor vehicle in lane</li> <li>Other Motor Vehicle Encroaching Into Lane</li> <li>(60) From adjacent lane (same direction)—over left lane line</li> <li>(61) From adjacent lane (same direction)—over right lane line</li> </ul>	(11) Accelerating and steering left (12) Accelerating and steering right (98) Other action (specify): (99) Unknown  25. Precrash Stability After Avoidance Maneuver (0) No driver present (1) No avoidance maneuver (2) Tracking (3) Skidding longitudinally—rotation less than 30
<ul> <li>(62) From opposite direction—over left lane line</li> <li>(63) From opposite direction—over right lane line</li> <li>(64) From parking lane</li> <li>(65) From crossing street, turning into same direction</li> <li>(66) From crossing street, across path</li> <li>(67) From crossing street, turning into opposite direction</li> <li>(68) From crossing street, intended path not known</li> <li>(70) From driveway, turning into same direction</li> <li>(71) From driveway, across path</li> <li>(72) From driveway, turning into opposite direction</li> </ul>	degrees  (4) Skidding laterally—clockwise rotation  (5) Skidding laterally—counterclockwise rotation  (8) Other vehicle loss-of-control (specify):  (9) Precrash stability unknown  26. Precrash Directional Consequences of Avoidance Maneuver (Corrective Action)  (0) No driver present  (1) No avoidance maneuver  (2) Vehicle stayed in travel lane where avoidance
<ul> <li>(73) From driveway, intended path not known</li> <li>(74) From entrance to limited access highway</li> <li>(78) Encroachment by other vehicle—details unknown</li> <li>Pedestrian or Pedalcyclist, or Other Nonmotorist</li> <li>(80) Pedestrian in roadway</li> <li>(81) Pedestrian approaching roadway</li> <li>(82) Pedestrian—unknown location</li> </ul>	maneuver was initiated (3) Vehicle stayed on roadway but left travel lane where avoidance maneuver was initiated (4) Vehicle stayed on roadway, not known if left travel lane where avoidance maneuver was initiated (5) Vehicle departed roadway (6) Avoidance maneuver initiated off roadway (9) Directional consequences unknown

	ENVIRO	NIVIE	NTAL DATA
27.	Relation to Junction (0) Non-junction (1) Interchange area  Non-Interchange (2) Intersection (3) Intersection-related (4) Drive, alley access related (5) Other non-interchange (specify):	0_	33. Roadway Surface Condition (1) Dry (2) Wet (3) Snow and slush (4) Ice (5) Sand, dirt or oil (8) Other (specify): (9) Unknown
28.	<ul> <li>(6) Unknown type of non-interchange</li> <li>(9) Unknown if interchange</li> <li>Trafficway Flow</li> <li>(1) Not physically divided (two way traffic)</li> <li>(2) Divided trafficway - median strip without positive barrier</li> <li>(3) Divided trafficway - median strip with positive barrier</li> <li>(4) One way trafficway</li> </ul>		34. Traffic Control Device (0) No traffic control(s) (1) Trafficway traffic control signal (not RR crossing)  Regulatory or School Zone Sign (Not RR Crossing) (2) Stop sign (3) Yield sign (4) School zone sign (5) Other sign (specify):
29.	Number of Travel Lanes (1) One (2) Two (3) Three (4) Four (5) Five (6) Six (7) Seven or more (9) Unknown	4	(6) Unknown sign (7) Warning sign (not RR crossing) (8) Miscellaneous/other controls including RR controls (specify):  (9) Unknown  35. Traffic Control Device Functioning (0) No traffic control (1) Not Functioning (2) Functioning (9) Unknown
	Roadway Alignment (1) Straight (2) Curve right (3) Curve left (9) Unknown		36. Light Conditions (1) Daylight (2) Dark (3) Dark, but lighted (4) Dawn (5) Dusk
31.	Roadway Profile (1) Level (2) Uphill Grade (>2%) (3) Downhill Grade (>2%) (4) Hillcrest (5) Sag (9) Unknown		(9) Unknown  37. Atmospheric Conditions (1) No adverse atmospheric related driving conditions (2) Rain (3) Sleet (4) Snow
32.	Roadway Surface Type (1) Concrete (2) Bituminous (asphalt) (3) Brick or Block (4) Slag, gravel or stone (5) Dirt (8) Other (specify):  (9) Unknown	2	<ul> <li>(5) Fog</li> <li>(6) Rain and fog</li> <li>(7) Sleet and fog</li> <li>(8) Other (e.g., smog, smoke, blowing sand or dust, etc.) (specify):</li> <li>(9) Unknown</li> </ul>



U.S. Department of Transportation National Highway Traffic Safety Administration

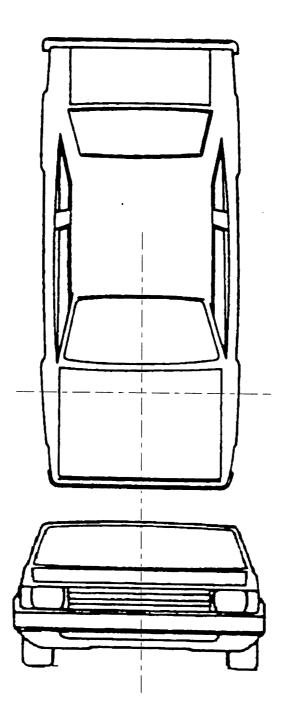
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PEDESTRIAN EXTERIOR VEHICLE FORM

NATIONAL ACCIDENT SAMPLING SYSTEM PEDESTRIAN CRASH DATA STUDY

l	1. Primary Sampling Unit Number	3. Vehicle Number	_0_1_
	2. Case Number - Stratum 6 17 P		
	VEHICLE IDENT	TFICATION	
	VIN 2GCEC19MXT1	Model	1 Year <u>26</u>
	Vehicle Make (specify): (LEUROLE)	Vehicle Model (specify):	Pick-up
	PEDESTRIAN FRONT CON	NTACT WORK SHEET	
	PEV06 Hood Material		
	PEV08 Hood Length		cm
	PEV09 Hood Width-Forward Opening	. ———	cm
	PEV10 Hood Width-Midway	<del></del>	cm
	PEV11 Hood Width-Rear Opening		cm
	PEV14 Front Bumper Cover Material		
	PEV15 Front Bumper Reinforcement Material		·
	VERTICAL MEAS	GUREMENTS	/
	PEV16 Front Bumper-Bottom Height		cm
	PEV17 Front Bumper-Top Height	<del></del>	cm
	PEV18 Forward Hood Opening		cm
	PEV19 Front Bumper Lead	<del></del>	cm
	WRAP DIST	ANCES	
	PEV20 Ground to Forward Hood Opening	<del></del>	cm
	PEV21 Ground to Front/Top Transition Point		cm
	PEV22 Ground to Rear Hood Opening		cm
	PEV23 Ground to Base of Windshield		cm
	PEV24 Ground to Top of Windshield		cm
	PEV25 Ground to Head Contact		cm
-			

### VEHICLE DAMAGE SKETCH



NOTES: Sketch all pedestrian contacts, include the size and depth in centimeters. Locate the pedestrian contacts from the intercept point of the centerline (lateral) and the front axles (longitudinal) in centimeters. Annotate observations which might be useful in reconstructing the accident (e.g., grass in tire bead, direction of striations, scuff on sidewalls, etc.).

Location of the origin (intercept point of the centerline and the front axles) from the ground:

PEDESTRIAN SIDE CONTACT WORK SHE	31	
<i>Y</i> )		
PEV06 Hood Material S/22(	, , 2	<del> </del>
PEV08 Hood Width Forward On an in a	113	cm
PEV09 Hood Width-Forward Opening	141	cm
PEV10 Hood Width-Midway	165	cm
PEV11 Hood Width-Rear Opening	770	cm
VERTICAL MEASUREMENTS		
PEV26 Ground Clearance	<u>35</u>	cm
PEV27 Side Bumper-Bottom Height	_37	cm
PEV28 Side Bumper-Top Height	_58	cm
PEV29 Centerline of Wheel	_34	cm
PEV30 Top of Tire	70	cm
PEV31 Top of Wheel Well Opening	_82	cm cm
PEV32 Bottom of A-Pillar at Windshield	117	cm
PEV33 Top of A-Pillar at Windshield	145	cm
PEV34 Top of Side View Mirror	125	cm
LATERAL MEASUREMENTS		
PEV35 C <sub>L</sub> to A-Pillar at Bottom of Windshield	82	cm
PEV36 C <sub>L</sub> to A-Pillar at Top of Windshield	75	cm
PEV37 C <sub>L</sub> to Maximum Side View Mirror Protrusion	117	cm
WRAP DISTANCES		
PEV38 Ground to Side/Top Transition	> 0'	
PEV39 Ground to Hood Edge	1 <u>20</u>	cm
PEV40 Ground to Centerline of Hood (ORIGIN)	+21	cm
	198	cm
2 1 1 2	750	cm
PEV41 Ground to Head Contact	H (19)	

#### **ORIGINAL SPECIFICATIONS** 1/41.3 inches x 2.54 = 3/59 cm Whee 1 base $\frac{2}{8}$ . 1 inches x 2.54 = $\frac{5}{9}$ cm Overall Length $_{-}$ Maximum Width Curb Weight 42.9 inches x 2.54 =/ 4 0 cm Average Track <u>0 9 2 cm</u> $_{-}$ 36.2 inches x 2.54 = Front Overhang $_{-}$ / 0 3 cm Rear Overhang Undeformed End Width inches x = 2.54 =Engine Size: cyl./displ. \_\_\_ cc 5.0 L $\times .001 =$ x .0164 =CID **INJURY SOURCE FRONT** Wheels / tires 700 Front bumper 744 B pillar 790 Left front wheel / tire 701 Front lower valance/spoiler 745 C pillar 791 Right front wheel / tire 792 Left rear wheel / tire 702 Front grille 746 D pillar 703 Hood edge and/or trim 748 Other pillar (specify):\_\_\_ 793 Right rear wheel /tire 704 Hood ornament (fixed) 749 Right side roof rail 798 Other wheel / tire (specify): 705 Hood ornament (spring loaded) 750 Right side door surface 799 Unknown wheel / tire 706 Headlight 751 Right side door handle 707 Retractable headlight door (Open/Closed) 752 Right side mirror fixed housing Undercarriage components 708 Turn signal/parking lights 753 Right side folding mirror 800 Front cross member 718 Other front or add on object 754 Right side glazing forward of B pillar 801 Steering assembly/Front suspension (specify):\_ 755 Right side glazing rearward of B pillar 802 Oil pan 719 Unknown front object 803 Exhaust system pipe 756 Rear antenna 757 Rear fender or quarter panel 804 Transmission Left Side Components 758 Other right side object 805 Drive shaft 720 Front fender side surface 806 Catalytic converter (specify): \_ 721 Front antenna 759 Unknown right side component 807 Muffler 722 A1 pillar 808 Floor pan 723 A2 pillar Back Components 809 Fuel tank 724 B pillar 760 Rear (back) bumper 810 Rear suspension 725 C pillar 761 Tailgate 818 Other undercarriage component 726 D pillar 762 Hatchback, vertical surface (specify): 728 Other pillar 768 Other back component 819 Unknown undercarriage component (specify): (specify): 729 Left side roof rail 769 Unknown back component Accessories 730 Left side door surface 820 Air scoop, deflector 731 Left side door handle Top Components 821 Cellular or CB radio antenna 732 Left side mirror fixed housing 822 Emergency lights or bar 770 Hood surface 733 Left side folding mirror 771 Hood surface reinforced by under hood 823 Fog lights 734 Left side glazing forward of B pillar component 824 Luggage, ski, or bike rack 735 Left side glazing rearward of B pillar 772 Front fender top surface 825 Cargo (specify):\_\_\_\_ 736 Left side back fender or quarter panel 773 Cowl area 826 Spare tire 737 Rear antenna 774 Wiper blade & mountings 827 Spotlight 738 Other left side object 775 Windshield glazing 828 Other accessory (specify):\_\_\_ (specify): 776 Front header 739 Unknown left side component 777 Roof surface Other Object or Vehicle in Environment 778 Backlight glazing 947 Ground Right Side Components 779 Rear header 948 Other object (specify):\_

780 Hatchback

781 Rear trunk lid

788 Other top component (specify): \_\_\_\_

789 Unknown top component

949 Unknown object in environment

997 Noncontact injury source

999 Unknown injury source

959 Unknown object on contacting vehicle

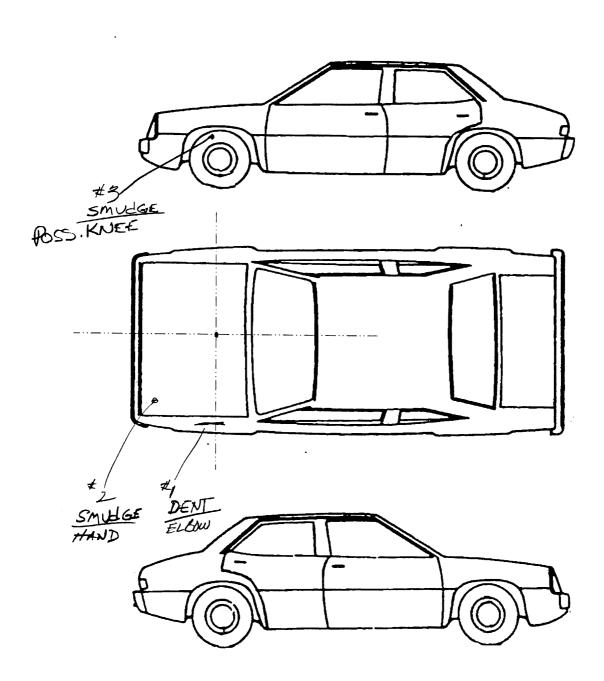
740 Front fender side surface

741 Front antenna

742 A1 pillar

743 A2 pillar

### VEHICLE DAMAGE SKETCH



NOTES: Sketch all pedestrian contacts, include the size and depth in centimeters. Locate the pedestrian contacts from the intercept point of the centerline (lateral) and the front axles (longitudinal) in centimeters. Annotate observations which might be useful in reconstructing the accident (e.g., grass in tire bead, direction of striations, scuff on sidewalls, etc.).

Location of the origin (intercept point of the centerline and the front axles) from the ground: 182 cm

# POINTS OF PEDESTRIAN CONTACT PEDESTRIAN CONTACT WORKSHEET

CONTACT ID LABEL	COMPONENT CONTACTED	LONGITUDINAL Location (X)	LATERAL LOCATION (Y)	CRUSH IN CENTIMETERS	SUSPECTED Body region	SUPPORTING PHYSICAL EVIDENCE	CONFIDENCE LEVEL OF CONTACT POINT ( <i>Circle)</i>	SEQUENCE #
1	FENDER	182 120 182	-90	1.0	±LΒοω	DENT SMUDGE SMUDGE	1 ② 3 9	
2	Hood	120	-75		HANd	SMUdGE	1 <b>Ø</b> 3 3	
3 1	UNEEL	182	¥30		KNEE	SMUDGE	1 2 3 9	
							1 2 3 9	
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							1 2 3 9	

# POINTS OF PEDESTRIAN CONTACTS CHRONOLOGICAL ORDER OF CONTACTS

CONTACT #	COMPONENT CONTACTED CODE	LONGITUDINAL LOCATION (X)	LATERAL Location (Y)	CRUSH IN CENTIMETERS	SUSPECTED Body region	SUPPORTING PHYSICAL EVIDENCE	CONFIDENCE LEVEL OF CONTACT POINT ( <i>Circle</i> )
1							1 2 3 9
2							1 2 3 9
3							1 2 3 9
4							1 2 3 9
5							1 2 3 9
6							1 2 3 9
7							1 2 3 9
8							1 2 3 9
9							1 2 3 9
10							1 2 3 9
11							1 2 3 9
12							1 2 3 9
13							1 2 3 9
14							1 2 3 9
15							1 2 3 9
16							1 2 3 9
17							1 2 3 9
18							1 2 3 9
19							1 2 3 9
20							1 2 3 9
21							1 2 3 9
22							1 2 3 9
23							1 2 3 9
24							1 2 3 9
25							1 2 3 9

VEHICLE DIMENSIONS	11. Hood Width Rear Opening リフ 0
	11. Hood Width Rear Opening 170 Code to the
4. Original Wheelbase 3 5 9 Code to the	nearest centimeter
nearest centimeter	(210) 210 centimeters or more (999) Unknown
(999) Unknown	
/4/ . $3$ inches X 2.54 = $359$ centimeters	
5. Original Average Track Width	12. Hood/Fender Vertical/Lateral Crush From Pedestrian
Code to the	(0) Not damaged
nearest centimeter (185) 185 centimeters or more	(1) Surface scratching only, no residual crush
(999) Unknown	<ul><li>(2) Minor crush (1-3 centimeters)</li><li>(3) Moderate crush (4-7 centimeters)</li></ul>
$\underline{\cancel{\cancel{0}}}$ . $\underline{\cancel{\cancel{0}}}$ inches X 2.54 = $\underline{\cancel{\cancel{0}}}$ centimeters	(4) Severe crush (>7 centimeters)
	(8) Damage present, unknown if damage is from
6. Hood Material	pedestrian impact (9) Unknown
6. Hood Material	
(2) Fiberglass	13. Windshield Contact Damage  From Pedestrian Contact
(3) Steel	(0) Not contacted by pedestrian
(4) Aluminum (5) Stainless Steel	(1) Contacted by pedestrian - not damaged
(8) Other (specify):	(2) Contacted by pedestrian - damaged
(9) Unknown	<ul><li>(3) Unknown if contacted by pedestrian - not damaged</li></ul>
7. Hood Original	(4) Unknown if contacted by pedestrian -
Equipment Manufacturer (OEM)	damaged (9) Unknown if contacted by pedestrian -
(1) OEM factory installed hood	
(2) OFM replacement	unknown if damaged
(2) OEM replacement (3) Non-OEM replacement	unknown if damaged
	FRONT CONTACT DAMAGE
<ul><li>(3) Non-OEM replacement</li><li>(9) Unknown</li></ul>	
(3) Non-OEM replacement (9) Unknown  8. Hood Length Code to the	FRONT CONTACT DAMAGE Front Vertical Measurements
(3) Non-OEM replacement (9) Unknown  8. Hood Length Code to the nearest centimeter	FRONT CONTACT DAMAGE
(3) Non-OEM replacement (9) Unknown  8. Hood Length Code to the	FRONT CONTACT DAMAGE  Front Vertical Measurements  14. Front Bumper Cover Material (0) No front contact (1) Plastic
(3) Non-OEM replacement (9) Unknown  8. Hood Length Code to the nearest centimeter (180) 180 centimeters or more (999) Unknown	FRONT CONTACT DAMAGE  Front Vertical Measurements  14. Front Bumper Cover Material (0) No front contact (1) Plastic (2) Fiberglass
(3) Non-OEM replacement (9) Unknown  8. Hood Length Code to the nearest centimeter (180) 180 centimeters or more	FRONT CONTACT DAMAGE  Front Vertical Measurements  14. Front Bumper Cover Material (0) No front contact (1) Plastic (2) Fiberglass (3) Rubber (4) Other (specify):
(3) Non-OEM replacement (9) Unknown  8. Hood Length  Code to the nearest centimeter (180) 180 centimeters or more (999) Unknown  21215 inches X 2.54 = 113 centimeter  9. Hood Width Forward Opening	FRONT CONTACT DAMAGE  Front Vertical Measurements  14. Front Bumper Cover Material (0) No front contact (1) Plastic (2) Fiberglass (3) Rubber
(3) Non-OEM replacement (9) Unknown  8. Hood Length  Code to the nearest centimeter (180) 180 centimeters or more (999) Unknown  21 21 5 inches X 2.54 = 11 3 centimeter  9. Hood Width Forward Opening Code to the	FRONT CONTACT DAMAGE  Front Vertical Measurements  14. Front Bumper Cover Material (0) No front contact (1) Plastic (2) Fiberglass (3) Rubber (4) Other (specify): (9) Unknown
(3) Non-OEM replacement (9) Unknown  8. Hood Length  Code to the nearest centimeter (180) 180 centimeters or more (999) Unknown  LLL 5 inches X 2.54 = 113 centimeter  9. Hood Width Forward Opening  Code to the nearest centimeter	Front Vertical Measurements  14. Front Bumper Cover Material (0) No front contact (1) Plastic (2) Fiberglass (3) Rubber (4) Other (specify): (9) Unknown  15. Front Bumper Reinforcement Material (0) No front contact
(3) Non-OEM replacement (9) Unknown  8. Hood Length  Code to the nearest centimeter (180) 180 centimeters or more (999) Unknown  21 21 5 inches X 2.54 = 11 3 centimeter  9. Hood Width Forward Opening Code to the	Front Vertical Measurements  14. Front Bumper Cover Material (0) No front contact (1) Plastic (2) Fiberglass (3) Rubber (4) Other (specify): (9) Unknown  15. Front Bumper Reinforcement Material (0) No front contact (1) Steel
(3) Non-OEM replacement (9) Unknown  8. Hood Length  Code to the nearest centimeter (180) 180 centimeters or more (999) Unknown  21 21 5 inches X 2.54 = 113 centimeter  9. Hood Width Forward Opening  Code to the nearest centimeter (210) 210 centimeters or more (999) Unknown	Front Vertical Measurements  14. Front Bumper Cover Material (0) No front contact (1) Plastic (2) Fiberglass (3) Rubber (4) Other (specify): (9) Unknown  15. Front Bumper Reinforcement Material (0) No front contact
(3) Non-OEM replacement (9) Unknown  8. Hood Length  Code to the nearest centimeter (180) 180 centimeters or more (999) Unknown  Lll. 5 inches X 2.54 = 113 centimeter  9. Hood Width Forward Opening  Code to the nearest centimeter (210) 210 centimeters or more (999) Unknown  (999) Unknown	Front Vertical Measurements  14. Front Bumper Cover Material (0) No front contact (1) Plastic (2) Fiberglass (3) Rubber (4) Other (specify): (9) Unknown  15. Front Bumper Reinforcement Material (0) No front contact (1) Steel (2) Aluminum (3) Stainless Steel (4) Other (specify):
(3) Non-OEM replacement (9) Unknown  8. Hood Length  Code to the nearest centimeter (180) 180 centimeters or more (999) Unknown  21 21 5 inches X 2.54 = 1 3 centimeter  9. Hood Width Forward Opening  Code to the nearest centimeter (210) 210 centimeters or more (999) Unknown  (999) Unknown  (999) Unknown	FRONT CONTACT DAMAGE  Front Vertical Measurements  14. Front Bumper Cover Material (0) No front contact (1) Plastic (2) Fiberglass (3) Rubber (4) Other (specify): (9) Unknown  15. Front Bumper Reinforcement Material (0) No front contact (1) Steel (2) Aluminum (3) Stainless Steel
(3) Non-OEM replacement (9) Unknown  8. Hood Length  Code to the nearest centimeter (180) 180 centimeters or more (999) Unknown  21 21 5 inches X 2.54 = 1 3 centimeter  9. Hood Width Forward Opening  Code to the nearest centimeter (210) 210 centimeters or more (999) Unknown  (999) Unknown  (999) Unknown  Code to the 10 centimeters	Front Vertical Measurements  14. Front Bumper Cover Material (0) No front contact (1) Plastic (2) Fiberglass (3) Rubber (4) Other (specify): (9) Unknown  15. Front Bumper Reinforcement Material (0) No front contact (1) Steel (2) Aluminum (3) Stainless Steel (4) Other (specify):
(3) Non-OEM replacement (9) Unknown  8. Hood Length  Code to the nearest centimeter (180) 180 centimeters or more (999) Unknown  21 21 5 inches X 2.54 = 1 3 centimeter  9. Hood Width Forward Opening  Code to the nearest centimeter (210) 210 centimeters or more (999) Unknown  (999) Unknown  (999) Unknown	Front Vertical Measurements  14. Front Bumper Cover Material (0) No front contact (1) Plastic (2) Fiberglass (3) Rubber (4) Other (specify): (9) Unknown  15. Front Bumper Reinforcement Material (0) No front contact (1) Steel (2) Aluminum (3) Stainless Steel (4) Other (specify): (9) Unknown  16. Front Bumper-Bottom Height Code to the
(3) Non-OEM replacement (9) Unknown  8. Hood Length  Code to the nearest centimeter (180) 180 centimeters or more (999) Unknown  Lll.5 inches X 2.54 = 113 centimeter  9. Hood Width Forward Opening Code to the nearest centimeter (210) 210 centimeters or more (999) Unknown  (3) Llinches X 2.54 = 16 centimeters  10. Hood Width Midway Code to the nearest centimeter (210) 210 centimeters or more (999) Unknown	Front Vertical Measurements  14. Front Bumper Cover Material (0) No front contact (1) Plastic (2) Fiberglass (3) Rubber (4) Other (specify): (9) Unknown  15. Front Bumper Reinforcement Material (0) No front contact (1) Steel (2) Aluminum (3) Stainless Steel (4) Other (specify): (9) Unknown  16. Front Bumper-Bottom Height Code to the nearest centimeter
(3) Non-OEM replacement (9) Unknown  8. Hood Length  Code to the nearest centimeter (180) 180 centimeters or more (999) Unknown  Lll.5 inches X 2.54 = 113 centimeter  9. Hood Width Forward Opening Code to the nearest centimeter (210) 210 centimeters or more (999) Unknown  (3) Llinches X 2.54 = 16 centimeters  10. Hood Width Midway Code to the nearest centimeter (210) 210 centimeters or more (999) Unknown	Front Vertical Measurements  14. Front Bumper Cover Material (0) No front contact (1) Plastic (2) Fiberglass (3) Rubber (4) Other (specify): (9) Unknown  15. Front Bumper Reinforcement Material (0) No front contact (1) Steel (2) Aluminum (3) Stainless Steel (4) Other (specify): (9) Unknown  16. Front Bumper-Bottom Height Code to the nearest centimeter (000) No front contact (150) 150 centimeters or more
(3) Non-OEM replacement (9) Unknown  8. Hood Length  Code to the nearest centimeter (180) 180 centimeters or more (999) Unknown  21 21 5 inches X 2.54 = 1 3 centimeter  9. Hood Width Forward Opening  Code to the nearest centimeter (210) 210 centimeters or more (999) Unknown  3. 4 inches X 2.54 = 6 centimeters  10. Hood Width Midway  Code to the nearest centimeter (210) 210 centimeters or more	FRONT CONTACT DAMAGE  Front Vertical Measurements  14. Front Bumper Cover Material (0) No front contact (1) Plastic (2) Fiberglass (3) Rubber (4) Other (specify): (9) Unknown  15. Front Bumper Reinforcement Material (0) No front contact (1) Steel (2) Aluminum (3) Stainless Steel (4) Other (specify): (9) Unknown  16. Front Bumper-Bottom Height Code to the nearest centimeter (000) No front contact

17. Front Bumper-Top Height  Code to the nearest centimeter (000) No front contact (150) 150 centimeters or more (999) Unknown	23. Ground to Base of Windshield  Code to the nearest centimeter (000) No front contact (400) 400 centimeters or more (999) Unknown
inches X 2.54 = centimeters	inches X 2.54 = centimeters
18. Forward Hood Opening  Code to the nearest centimeter (000) No front contact (200) 200 centimeters or more (999) Unknown	24. Ground to Top of Windshield  Code to the nearest centimeter (000) No front contact (500) 500 centimeters or more (999) Unknown
inches X 2.54 = centimeters	inches X 2.54 = centimeters
19. Front Bumper Lead (00) No front contact Code to the nearest centimeter (30) 30 centimeters or more (99) Unknown	25. Ground To Head Contact  Code to the nearest centimeter (000) No front contact (400) 400 centimeters or more (998) No head contact (999) Unknown
inches X 2.54 = centimeters	inches X 2.54 = centimeters
F 181 - D: 88	SIDE CONTACT DAMAGE
Front Wrap Distance Measurements	Side Vertical Measurements
20. Ground to Forward Hood Opening  Code to the nearest centimeter (000) No front contact (200) 200 centimeters or more (999) Unknown  inches X 2.54 = centimeters	26. Ground Clearance  Code to the nearest centimeter (000) No side contact (150) 150 centimeters or more (999) Unknown
Code to the nearest centimeter (000) No front contact (200) 200 centimeters or more (999) Unknown	Code to the nearest centimeter  (000) No side contact  (150) 150 centimeters or more  (999) Unknown
Code to the nearest centimeter (000) No front contact (200) 200 centimeters or more (999) Unknown	Code to the nearest centimeter  (000) No side contact  (150) 150 centimeters or more  (999) Unknown

		0 1 .1		P. 1 1 2 100	
29.	Centerline of Wheel	034		Side Lateral Measureme	:nts
	Code to the				
	nearest centimeter (000) No side contact		35.	Centerline to A-Pillar	082
	(150) 150 centimeters or more			at Bottom of Windshield	
	(999) Unknown			(000) No side contact	
				Code to the	
	inches X 2.54 = <u>0 3</u> 4	centimeters		nearest centimeter	
				(250) 250 centimeters or more (999) Unknown	
20	Top of Time	ຄາດ		(555) GIRIOWII	
30.	Top of Tire Code to the	<u>570</u>		inches X 2.54 = 08	2 centimeters
	nearest centimeter				
	(000) No side contact				a - (
	(200) 200 centimeters or more		36.	Centerline to A-Pillar	075
	(999) Unknown			at Top of Windshield	
				Code to the	
	inches X 2.54 = <u>670</u>	_ centimeters		nearest centimeter (000) No side contact	
				(250) 250 centimeters or more	
21	Top of Wheel Well Opening	~ ~ ~		(999) Unknown	
	Top of Wheel Well Opening  Code to the	082			_
•	nearest centimeter			inches X 2.54 = $0.7$	<u>5</u> centimeter
	(000) No side contact				
	(250) 250 centimeters or more			0	
	(999) Unknown		37.	Centerline to Maximum Side	
		_		View Mirror Protrusion  Code to the	
	inches X 2.54 = <u>0 8 2</u>	<del>e</del> entimeters		nearest centimeter	
32	Bottom of A-Pillar at Windshield	117		(000) No side contact	
52.	Code to the	<del></del>		(300) 300 centimeters or more	
•	nearest centimeter			(999) Unknown	
	(000) No side contact				<b>a</b>
	(250) 250 centimeters or more			inches X 2.54 =/ 1	centimeter
	(999) Unknown				
	inches X 2.54 =/ l	)		Side Wrap Distance Measur	ements
	Inches X 2.54 =	centimeters			
			20	Ground to Sido/Ton Transition	120
33.	Top of A-Pillar at Windshield	1 65	30.	Ground to Side/Top Transition  Code to the	120
	Code to the			nearest centimeter	
	nearest centimeter			(000) No side contact	
	(000) No side contact			(400) 400 centimeters or more	
	(300) 300 centimeters or more (999) Unknown			(999) Unknown	
	(333) GIIKIIOWII			/ n	
	inches X 2.54 = <u>/ 6</u>	centimeters		inches X 2.54 =/ 2	.O centimeters
		<del></del>			
٠.	T. (011.)" "		39.	. Ground to Hood Edge	127
34.	Top of Side View Mirror	125		Code to the	
	Code to the			nearest centimeter	
	nearest centimeter (000) No side contact			(000) No side contact	
	(300) 300 centimeters or more			(500) 500 centimeters or more	
	(999) Unknown			(999) Unknown	
		-		inches X 2.54 = // 2	centimeters
	inches X 2.54 =/ 2	5 centimeters			
			1		

40. Ground to Centerline of Hood	
Code to the nearest centimeter	
(000) No side contact	
(700) 700 centimeters or more	
(999) Unknown	
inches X 2.54 = <i>/                                 </i>	
41. Ground to Head Contact 298	
Code to the nearest centimeter	
nearest centimeter (000) No side contact	
(800) 800 centimeters or more	
(998) No head contact	·
(999) Unknown	
inches X 2.54 = <u> </u>	
	,

1.

PSU40 CASE 617P 1996 PEDESTRIAN ACCIDENT FORM

IDENTIFICATION

3. Number of General Vehicle Forms Submitted

4. Date of Accident (Month, Day, Year)

5. Time of Accident (military time)

796 1000

SPECIAL STUDIES - INDICATORS

6. SS15 0 7. SS16 1 8. SS17 0 9. SS18 0 10. SS19 0

NUMBER OF EVENTS

11. Number of Recorded Events in This Accident 01

O1

PSU40 CASE 617P

#### 1996 PEDESTRIAN ACCIDENT FORM

#### PEDESTRIAN ACCIDENT EVENTS

Accident Sequence Number	Vehicle Number	Class of Vehicle	General Area of Damage	Veh. Num. or Obj. Cont.	Class of Vehicle	General Area of Damage
***************************************	····· ···· ···· ···· ···· ···· ····				***************************************	**** **** **** **** **** ****
12. 01	13. 01	14. 15	15. L	16. 72	17. 00	18. 0

011 INTRA ERRORS

01\*\*\*\*\*\*\*\* NO ERRORS \*\*\*\*\*\*

#### PSU40 1996 PEDESTRIAN ASSESSMENT FORM CASE 517P VEHICLE 01 PEDESTRIAN 01

16

#### PEDESTRIAN'S CHARACTERISTICS 4. Pedestrian's Age 5. Pedestrian's Sex

2 6. Pedestrian's Overall Height 160 7. Pedestrian's Height - Ground to Knee 50 8. Pedestrian's Height - Ground to Hip 097

9. Pedestrian's Height - Ground to Shoulder 135 10. Pedestrian's Weight 084

PEDESTRIAN'S PRE-AVOIDANCE ACTIONS 11. Pedestrian's Attitude 1 12. Pedestrian's Motion 13. Pedestrian's Actions Relative to Vehicle 02 14. Fedestrian's Body (Chest) Orientation Relative to Striking Vehicle Prior to Avoidance Actions 4

#### PEDESTRIAN'S AVOIDANCE ACTIONS

15. Pedestrian's First Avoidance Actions 13 PEDESTRIAN'S ORIENTATION AT IMPACT

16. Pedestrian's Head Orientation at Initial Impact 17. Pedestrian's Body (Chest) Orientation at Initial Impact ::]. 18. Pedestrian's Arm Orientation at Initial Impact 08 19. Pedestrian's Leg Orientation at Initial Impact ()4 20. Vehicle/Pedestrian's Interaction 09

#### OFFICIAL RECORDS

21.	Police Reported Alcohol Pre	sence For Pedestrian (	0
22.	Alcohol Test Result For Pec	estrian :	96
29.	Police Reported Other Drug	Presence For Pedestrian (	0
24.	Other Drug Specimen Test Re	sult For Pedestrian (	0

INJURY CONSEQUENCES	
25. Injury Severity (Police Rating)	9
26. Treatment - Mortality	e.j.
27. Type of Medical Facility (for Initial Treatment)	2
28. Hospital Stay	00
29. Working Days Lost	03
(COMPLETED BY THE ZONE CENTER)	
30. Glasgow Coma Scale Score	97
31. Was the Pedestrian Given Blood?	9
32. Arterial Blood Gases	97
33. Time to Death	00
34. 1st Medically Reported Cause of Death	00
35. 2nd Medically Reported Cause of Death	00
36. 3rd Medically Reported Cause of Death	00
37. Number of Recorded Injuries for This Pedestrian	97
011	
INTRA ERRORS	

OHHOO61 2 If PEDESTRIAN AGE PASO4 is less than 17, then HHOO62 WORKING DAYS LOST PAS29 should equal 62 or 97.

HH1091 2 If TREATMENT PAS26 equals 0, 4 or 5, then HH1092 WORKING DAYS LOST PAS29 should equal 00, 01, 97 or 99.

#### PSU40 CASE 617P VEHICLE 01

VEHICLE WEIGHT ITEMS
15. Vehicle Curb Weight

#### 1996 PEDESTRIAN GENERAL VEHICLE FORM

3,180

#### VEHICLE IDENTIFICATION 4. Vehicle Model Year 96 5. Vehicle Make 20 6. Vehicle Model 481 7. Body Type 30 2GCEC19MXT1 8. Vehicle Identification Number OFFICIAL RECORDS 9. Police Reported Travel Speed 999 10. Speed Limit 048 11. Police Reported Alcohol Presence For Driver 0 12. Alcohol Test Result For Driver 96 13. Police Reported Other Drug Presence Ö 14. Other Drug Specimen Test Result for Driver 0

16. Vehicle Cargo Weight	9,990
OTHER DATA 17. Vehicle Special Use (This Trip)	0
RECONSTRUCTION DATA (COMPLETED BY THE ZONE CE 18. Impact Speed 19. Accuracy Range of Impact Speed Estimate 20. Data Source of Impact Speed	+999
PRECRASH DATA 21. Driver's Attention to Driving 22. Pre-Event Vehicle Movement	1 01

PREC	CRASH DATA (continu <b>e</b> d)	
23.	Critical Precrash Event	81
24.	Attempted Avoidance Maneuver	02
25.	Precrash Stability After Avoidance Maneuver	2
26.	Precrash Directional Consequences of	
	Avoidance Manuver (Corrective Action)	2

ENVIRONMENTAL DATA	
27. Relation to Junction	0
28. Trafficway Flow	1.
29. Number of Travel Lanes	1:4
30. Roadway Alignment	1
31. Roadway Profile	1
32. Roadway Surface Type	2
33. Roadway Surface Condition	1
34. Traffic Control Device	0
35. Traffic Control Device Functioning	0
36. Light Conditions	1
37. Atmospheric Conditions	1.
011	
to to take the total terms of the terms of t	

INTRA ERRORS

OGG2591 1 If BODY TYPE PGV07 equals 30, then MODEL PGV06 must equal GG2592 471-480, 498 or 499.

GG008: 2 Given BODY TYPE PGV07, CURB WEIGHT PGV21 is questionable. GG0082 See Table A4.

GG6021 1 If IMPACT SPEED PGV18 equals 999, then RANGE OF GG6022 IMPACT SPEED ESTIMATE PGV19 must equal 9.

#### PSU40 CASE 617P VEHICLE 01

#### 1996 PEDESTRIAN EXTERIOR VEHICLE FORM

#### VEHICLE DIMENSIONS

4.,	Original Wheelbase	359
5.	Original Average Track Width	160
5.	Hood Material	3
7.	Hood Original Equip. Manufacturer	1
8.	Hood Length	113
9.	Hood Width Forward Opening	161
10.	Hood Width Midway	165
11.	Hood Width Rear Opening	170
12.	Hood/Fender Vertical/Lateral	
	Crush From Fedestrian	2
13.	Windshield Contact Damage From	
	Pedestrian Contact	0

#### FRONT CONTACT DAMAGE

FRONT	VERT	T C:A!	MEASUREMENTS

14. Front Bumper Cover Material 16. Front Bumper-Bottom Height 18. Forward Hood Opening	000		) )00 )0
FRONT WRAP DISTANCE MEASUREMENTS			
20. Ground to Fwd. Hood Opening	000	21. Ground to Front/Top Transition Pt C	000
22. Ground to Rear Hood Opening	000	23. Ground to Base of Windshield 0	000
24. Ground to Top of Windshield	000	25. Ground to Head Contact	000

#### SIDE CONTACT DAMAGE

#### SIDE VERTICAL MEASUREMENTS

26.	Ground Clearance	035
27.	Side Bumper-Bottom Height	037
28.	Side Bumper-Top Height	058
29.	Centerline of Wheel	034
30.	Top of Tire	070
31.	Top of Wheel Well Opening	082
32.	Bottom of A-Pillar at Windshield	117
33.	Top of A-Pillar at Windshield	165
34,	Top of Side View Mirror	125

#### SIDE CONTACT DAMAGE (continued)

#### SIDE LATERAL MEASUREMENTS

35.	Centerline	to	A-Pillar	at	Bottom	of Wir	ndshield	082
36.	Centerline	to	A-Pillar	at	Top of	Windsh	nield	075
37.	Centerline	tc	Maximum 9	Side	View M	Mirror	Protrusion	117

#### SIDE WRAP DISTANCE MEASUREMENTS

			Side/Top Transition Hood Edge	120 121
<b>4</b> 0.	Ground	to	Centerline of Hood (Origin)	198
41.	Ground	to	Head Contact	998
7 <sup>-1</sup> 1				



1996 PEDESTRIAN ACCIDENT FORM

#### IDENTIFICATION

3. Number of General Vehicle Forms Submitted

4. Date of Accident (Month, Day, Year)

5. Time of Accident (military time)

01 1000 96

SPECIAL STUDIES - INDICATORS

6. SS15 0 7. **SS16 1 8. SS17** 0 **9. SS18** 0 10. SS19 0

NUMBER OF EVENTS

11. Number of Recorded Events in This Accident 01

PSU40 CASE 617P

#### 1996 PEDESTRIAN ACCIDENT FORM

#### PEDESTRIAN ACCIDENT EVENTS

Accident			General	Veh. Num.		General
Sequence Number	Vehicle Number	Class of Vehicle	Area of Damage	or Obj. Cont.	Class of Vehicle	Area of Damage
			,,,,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		**** **** **** **** **** **** ****	**** **** **** **** ****
12. 01	13. 01	14. 15	15. L	16. 72 .	17. 00	18. 0

## PSU40 1996 PEDESTRIAN INJURY FORM CASE 617P

VEHICLE OI PEDESTRIAN OI

#### PEDESTRIAN INJURY DATA

	Source of		Type of	Spec.	Lev.				Inj. Source	Dir./		Type	
	Inj.	Body	Anat.			AIS		Inj.				of	Dmq.
	Data	Reg.	Struc.	Struc.	Imj.	Sev.	Asp.	Source	Level	Inj.	Pro.	Dmg.	Dep.
			**** **** **** **** ****										***************************************
01. 02.	*****		*****	**************************************	************	*****	****		•••••	••••	••••	*****	*****
03.	*****			***************************************			*****	***************************************		*****			*****
04.	*****	••••						•	*****	*****	*****		
()4 .	*****	*****		***********				***************************************	****	*****	*****	******	*****

### HSU40 1996 PEDESTRIAN INJURY FORM

VEHICLE OI PEDESTRIAN OI

#### PEDESTRIAN INJURY DATA

	Source of Inj. Data	-	Type of Anat. Struc.	Spec. Anat. Struc.	of		Asp.		Inj. Source Conf. Level	Indir.	Str.		Dmg. Dep.
01.	3	8	9	04	02	1	2	790	З.	1	3	2	2
02.	3	8	9	02	02	1	2	790	3	1	3	2	2
OB.	3	7	9	04	02	1	2	720	2	1	2	3	3
() 44. <sub>n</sub>	7	7	9	02	02	1	2	720	2	7	2	3	3

VEHICLE WEIGHT ITEMS

#### 1996 PEDESTRIAN GENERAL VEHICLE FORM

VEHICLE IDENTIFICATION  4. Vehicle Model Year  5. Vehicle Make	9 <b>6</b> 20
6. Vehicle Model	481
7. Body Type	30
8. Vehicle Identification Number	2GCEC19MXT1
OFFICIAL RECORDS	
9. Police Reported Travel Speed	999
10. Speed Limit	048
11. Police Reported Alcohol Presence For Driver	$\circ$
12. Alcohol Test Result For Driver	96
13. Police Reported Other Drug Presence	0
14. Other Drug Specimen Test Result for Driver	$\circ$

15. Vehicle Curb Weight 16. Vehicle Cargo Weight	3,180 9,990
OTHER DATA 17. Vehicle Special Use (This Trip)	ं
RECONSTRUCTION DATA (COMPLETED BY THE ZONE CE 18. Impact Speed 19. Accuracy Range of Impact Speed Estimate 20. Data Source of Impact Speed	+999
PRECRASH DATA 21. Driver's Attention to Driving 22. Fre-Event Vehicle Movement	1 01

# PRECRASH DATA (continued) 23. Critical Precrash Event 81 24. Attempted Avoidance Maneuver 02 25. Precrash Stability After Avoidance Maneuver 2 26. Precrash Directional Consequences of Avoidance Manuver (Corrective Action) 2

ENVIRONMENTAL DATA	
27. Relation to Junction	O
28. Trafficway Flow	1
29. Number of Travel Lanes	ı:]
30. Roadway Alignment	1
31. Roadway Profile	4 .i.
32. Roadway Surface Type	2
	1
34. Traffic Control Device	$\circ$
35. Traffic Control Device Functioning	()
36. Light Conditions	1
37. Atmospheric Conditions	1
011	

INTRA ERRORS

OGG2591 1 If BODY TYPE PGV07 equals 30, then MODEL PGV06 must equal GG2592 471-480, 498 or 499.

GG0081 2 Given BODY TYPE PGV07, CURB WEIGHT PGV21 is questionable. GG0082 See Table A4.

GG6021 1 If IMPACT SPEED PGV18 equals 999, then RANGE OF GG6022 IMPACT SPEED ESTIMATE PGV19 must equal 9.

VEHICLE WEIGHT ITEMS 15. Vehicle Curb Weight

#### 1996 PEDESTRIAN GENERAL VEHICLE FORM

3,180

01

VEHICLE IDENTIFICATION 4. Vehicle Model Year 5. Vehicle Make 6. Vehicle Model 7. Body Type 8. Vehicle Identification Number	96 20 498 30 2GCEC19MXT11
OFFICIAL RECORDS  9. Folice Reported Travel Speed  10. Speed Limit  11. Police Reported Alcohol Presence For Driver  12. Alcohol Test Result For Driver  13. Folice Reported Other Drug Presence  14. Other Drug Specimen Test Result for Driver	999 048 0 96 0

# OTHER DATA 17. Vehicle Special Use (This Trip) RECONSTRUCTION DATA (COMPLETED BY THE ZONE CENTER) 18. Impact Speed +999 19. Accuracy Range of Impact Speed Estimate 9 20. Data Source of Impact Speed 0 PRECRASH DATA 21. Driver's Attention to Driving 1

22. Pre-Event Vehicle Movement

PRE	DRASH DATA (continued)	
23.	Critical Precrash Event	81
24.	Attempted Avoidance Maneuver	02
	Precrash Stability After Avoidance Maneuver	
26.	Precrash Directional Consequences of	
	Avoidance Manuver (Corrective Action)	2

ENV	IRONMENTAL DATA	
27.	Relation to Junction	0
	Trafficway Flow	1.
29.	Number of Travel Lanes	<b>:</b> :}-
30,	Roadway Alignment	1
31.	Roadway Profile	1.
32.	Roadway Surface Type	2
	Roadway Surface Condition	1
	Traffic Control Device	$\bigcirc$
SS.	Traffic Control Device Functioning	$\circ$
	Light Conditions	1
37.	Atmospheric Conditions	1
011		

#### INTRA ERRORS

OGGOO81 2 Given BODY TYPE PGVO7, CURB WEIGHT PGV21 is questionable. GGOO82 See Table A4.

#### 1996 PEDESTRIAN EXTERIOR VEHICLE FORM

#### VEHICLE DIMENSIONS

4.	Original Wheelbase	359
5.	Original Average Track Width	160
6.	Hood Material	3
7.	Hood Original Equip. Manufacture	r 1
8.	Hood Length	113
9.	Hood Width Forward Opening	161
10.	Hood Width Midway	165
11.	Hood Width Rear Opening	170
12.	Hood/Fender Vertical/Lateral	
	Crush From Pedestrian	2
13.	Windshield Contact Damage From	
	Pedestrian Contact	0

#### FRONT CONTACT DAMAGE

16. Front Bumper-Bottom Height	000	17.	Front Bumper Reinforcement Mat. Front Bumper-Top Height Front Bumper Lead	0 000 00
FRONT WRAP DISTANCE MEASUREMENTS				
20. Ground to Fwd. Hood Opening	$\circ\circ\circ$	21.	Ground to Front/Top Transition Pt	000
22. Ground to Rear Hood Opening	000	23.	Ground to Base of Windshield	000
24. Ground to Top of Windshield	000	25.	Ground to Head Contact	000

#### SIDE CONTACT DAMAGE

#### SIDE VERTICAL MEASUREMENTS

26.	Ground Clearance	035
27.	Side Bumper-Bottom Height	037
28.	Side Bumper-Top Height	058
29.	Centerline of Wheel	$\bigcirc \bigcirc =$
30.	Top of Tire	070
31.	Top of Wheel Well Opening	082
32.	Bottom of A-Pillar at Windshield	117
33.	Top of A-Pillar at Windshield	165
34.	Top of Side View Mirror	125

#### SIDE CONTACT DAMAGE (continued)

#### SIDE LATERAL MEASUREMENTS

35.	Centerline	to	A-Pillar	at	Bottom	of Wi	ndshield	082
36.	Centerline	to	A-Fillar	at	Top of	Winds	nield	075
97.	Centerline	to	Maximum	Side	e View M	Mirror	Protrusion	117

#### SIDE WRAP DISTANCE MEASUREMENTS

38.	Ground	to	Side/Top Transition	120
39.	Ground	tc	Hood Edge	121
40.	Ground	$t \circ$	Centerline of Hood (Origin)	198
41.	Ground	to	Head Contact	998
7%				

CASE REVIEW Completed.

1

PSU40 CASE 617P

1996 PEDESTRIAN ACCIDENT FORM

#### IDENTIFICATION

3. Number of General Vehicle Forms Submitted

4. Date of Accident (Month, Day, Year)

5. Time of Accident (military time)

01 1000

SPECIAL STUDIES - INDICATORS

6. SS15 0 7. SS16 1 8. SS17 0 9. SS18 0 10. SS19 0

NUMBER OF EVENTS

11. Number of Recorded Events in This Accident 01 01

PSU40 CASE 617P

#### 1996 PEDESTRIAN ACCIDENT FORM

#### PEDESTRIAN ACCIDENT EVENTS

Accident Sequence Number	Vehicle Number	Class of Vehicle	General Area of Damage	Veh. Num. or Obj. Cont.	Class of Vehicle	General Area of Damage
	***** **** **** **** **** ****				···· ··· ··· ··· ··· ··· ··· ··· ··· ·	
12. 01	13. 01	14. 15	15. L	16. 72	17. 00	18. 0

#### PSU40 1996 PEDESTRIAN ASSESSMENT FORM CASE 617P VEHICLE 01 PEDESTRIAN 01

#### PEDESTRIAN'S CHARACTERISTICS

PEDESTRIAN'S AVOIDANCE ACTIONS

4.	Pedestrian's	Age	16
5.	Pedestrian's	Sex	2
6.	Pedestrian's	Overall Height	160
7.	Pedestrian's	Height - Ground to Knee	50
8.	Pedestrian's	Height - Ground to Hip	097
9.	Pedestrian's	Height - Ground to Shoulder	135
10.	Pedestrian's	Weight	084
PEDE	ESTRIAN'S PRE-	-AVOIDANCE ACTIONS	
11.	Pedestrian's	Attitude	1
12.	Pedestrian's	Motion	3
13.	Pedestrian's	Actions Relative to Vehicle	02
14.	Pedestrian's	Body (Chest) Orientation Relative	
	to Striking \	Vehicle Prior to Avoidance Actions	4

#### 15. Pedestrian's First Avoidance Actions 13 PEDESTRIAN'S ORIENTATION AT IMPACT 16. Pedestrian's Head Orientation at Initial Impact 3 17. Pedestrian's Body (Chest) Orientation at Initial Impact 4 18. Fedestrian's Arm Orientation at Initial Impact 08 19. Pedestrian's Leg Orientation at Initial Impact 04 20. Vehicle/Pedestrian's Interaction 09 OFFICIAL RECORDS 21. Police Reported Alcohol Presence For Pedestrian Õ 22. Alcohol Test Result For Pedestrian 96

0

0

23. Police Reported Other Drug Presence For Pedestrian

24. Other Drug Specimen Test Result For Pedestrian

INJURY CONSEQUENCES					
25. Injury Severity (Police Rating)	9				
26. Treatment - Mortality	4				
27. Type of Medical Facility (for Initial Treatment)	2				
	00				
29. Working Days Lost	03				
(COMPLETED BY THE ZONE CENTER)					
30. Glasgow Coma Scale Score	15				
31. Was the Pedestrian Given Blood?	1				
32. Arterial Blood Gases	01				
33. Time to Death	00				
34. 1st Medically Reported Cause of Death	00				
35. 2nd Medically Reported Cause of Death	OO				
	00				
37. Number of Recorded Injuries for This Pedestrian	04				
011					
INTRA ERRORS					

OHHOO61 2 If PEDESTRIAN AGE PASO4 is less than 17, then JHOO62 WORKING DAYS LOST PAS29 should equal 62 or 97.

HH1091 (2) If TREATMENT PAS26 equals 0, 4 or 5, then
HH1092 WORKING DAYS LOST PAS29 should equal 00, 01; 97 or 99.

PSU40

#### 1996 PEDESTRIAN INJURY FORM

CASE 617P

VEHICLE 01 PEDESTRIAN 01

#### PEDESTRIAN INJURY DATA

	Source of Inj. Data	-	Type of Anat. Struc.		o f		Asp.		Inj. Source Conf. Level	Indir.			Dmg. Dep.
01.	3	8	9	04	02	1	2	790	3	1	3	2	2
02.	3	8	9	02	02	1	2	790	3	1	3	2	2
03.	3	7	9	04	02	1	2	720	2	1	2	3	3
04.	7	7	9	02	02	1	2	720	2	1	2	3	3

#### 1996 PEDESTRIAN GENERAL VEHICLE FORM

PSU40 CASE 617P VEHICLE 01

#### VEHICLE IDENTIFICATION

4.	Vehicle Model	Year	96
5.	Vehicle Make		20
6.	Vehicle Model		481
7.	Body Type		31



#### OFFICIAL RECORDS

9.	Police Reported Travel Speed	999
10.	Speed Limit	048
11.	Police Reported Alcohol Presence For Driver	O
12.	Alcohol Test Result For Driver	96
13.	Police Reported Other Drug Presence	О
14.	Other Drug Specimen Test Result for Driver	O

#### VEHICLE WEIGHT ITEMS

15.	Vehicle	Curb Weight	3,180
16.	Vehicle	Cargo Weight	9,990

#### OTHER DATA

17.	Vehicle	Special	Use	(This Trip)	0
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#### RECONSTRUCTION DATA (COMPLETED BY THE ZONE CENTER)

18.	impact speed		ナラフラ
19.	Accuracy Range	of Impact Speed Estimate	9
20.	Data Source of	Impact Speed	0

#### PRECRASH DATA

21.	Driver's	Attention	n to Driving	1
22.	Pre-Event	Vehicle	Movement	01

PRECRASH DATA (continued)	
23. Critical Precrash Event	81
24. Attempted Avoidance Maneuver	02
25. Precrash Stability After Avoidance Maneuver	2
26. Precrash Directional Consequences of	
Avoidance Manuver (Corrective Action)	2

ENVI	RONMENTAL DATA	
27.	Relation to Junction	O
28.	Trafficway Flow	1
29.	Number of Travel Lanes	4
30.	Roadway Alignment	1
31.	Roadway Profile	1
32.	Roadway Surface Type	2
33.	Roadway Surface Condition	1
34.	Traffic Control Device	0
35.	Traffic Control Device Functioning	0
36.	Light Conditions	1
37.	Atmospheric Conditions	1
011		

INTRA ERRORS

0660081 GG0082

Given BODY TYPE PGV07, CURB WEIGHT PGV21 is questional See Table A4.

01

ble.

#### 1996 PEDESTRIAN EXTERIOR VEHICLE FORM

#### VEHICLE DIMENSIONS

4.	Original Wheelbase	359
5.	Original Average Track Width	160
6.	Hood Material	3
7.	Hood Original Equip. Manufacturer	1
8.	Hood Length	113
9.	Hood Width Forward Opening	161
10.	Hood Width Midway	165
11.	Hood Width Rear Opening	170
12.	Hood/Fender Vertical/Lateral	
	Crush From Pedestrian	2
13.	Windshield Contact Damage From	
	Pedestrian Contact	0

#### FRONT CONTACT DAMAGE

FRONT VERTICAL MEASURE	1	1	14	11-	I١	11	 į.

14. Front Bumper Cover Material	0	15. Front Bumper Reinforcement Mat.	0
16. Front Bumper-Bottom Height	000	17. Front Bumper-Top Height	000
18. Forward Hood Opening	000	19. Front Bumper Lead	OO
FRONT WRAP DISTANCE MEASUREMENTS			
20. Ground to Fwd. Hood Opening	000	21. Ground to Front/Top Transition Pt	000
22. Ground to Rear Hood Opening	000	23. Ground to Base of Windshield	000
24. Ground to Top of Windshield	000	25. Ground to Head Contact	000

#### SIDE CONTACT DAMAGE

#### SIDE VERTICAL MEASUREMENTS 26. Ground Clearance

26.	Ground Clearance	035
27.	Side Bumper-Bottom Height	037
28.	Side Bumper-Top Height	058
29.	Centerline of Wheel	034
30.	Top of Tire	070
31.	Top of Wheel Well Opening	082
32.	Bottom of A-Pillar at Windshield	117
33.	Top of A-Pillar at Windshield	165
34.	Top of Side View Mirror	125

#### SIDE CONTACT DAMAGE (continued)

#### SIDE LATERAL MEASUREMENTS

35.	Centerline	to	A-Pillar	at	Bottom	of Wi	ndshield	•	082
36.	Centerline	to	A-Pillar	at	Top of	Winds	hield		075
37.	Centerline	to	Maximum 9	Side	e View N	dirror	Protrusion		117

#### SIDE WRAP DISTANCE MEASUREMENTS

38.	Ground	to	Side/Top Transition	120
39.	Ground	to	Hood Edge	121
40.	Ground	to	Centerline of Hood (Origin)	198
41.	Ground	to	Head Contact	998
0				

40617P0000001 969.040000000000110000100001 9600000000 000000000000000 01 40617P00010012 969.041000000000115L72000 9.04 000000001621605009713508413024133408040909600942000315 40617P00010021 1010000000004 40617P00010131 9.04 00000000038904021279031322 40617P00010231 9.04 00000000038902021279031322 40617F00010331 9.04 00000000037904021272021233 40617P00010431 9.04 00000000077902021272021233 40617P01000041 9.04 000000009620481312GCEC19MXT1 99010181022201411210011 40617P01000051 9.04 0000000035916031113161165170200000000000000000000000 000000035037058034070082117165125082075117120121198998 

PEDESTRIAN ASSESSMENT Occupant: 1

11

INTRA ERRORS

04 is less than 17, then 29 should equal 62 or 97.

OHHOO61 2 If PEDESTRIAN AGE PAS HHOO62 WORKING DAYS LOST PAS

HH1091 2 If TREATMENT PAS26 equals 0, 4 or 5, then

HH1092 WORKING DAYS LOST PAS29 should equal 00, 01, 97 or 99.

PEDESTRIAN GENERAL VEHICLE Vehicle: 1

11 INTRA ERRORS

PGV07, CURB WEIGHT PGV21 is questionable.

OGGOO81 2 Given BODY TYPE GGOO82 See Table A4.

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PSU40 CASE 617P ERROR SUMMARY SCREEN
PEDESTRIAN STUDY

97

CURRENT VERSION: 9.04

	MBER OF LLAR SIGNS	NUMBER OF LEVEL 1 ERRORS	NUMBER OF LEVEL 2 ERRORS	VERSION NUMBER CONSISTENT
Pedestrian Accident	0	0	0	Υ
Pedestrian Assessment	0	Ō	2	Ý
Pedestrian Injury	O	0	0	Ý
Pedestrian General Vehicle	0	0	1	Ý
Pedestrian Exterior Vehicle	0	O	O	Υ
Total Inter Errors		0	0	
Total Case Errors	0	o	3	